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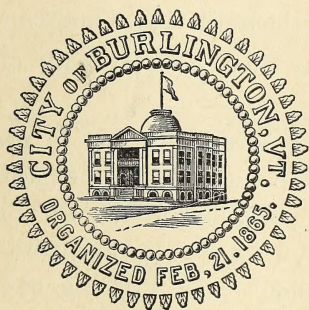
TWENTY-EIGHTH

ANNUAL REPORT

OF THE

City of Burlington,

VERMONT,



FOR THE

Year Ending December 31, 1892.

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BURLINGTON:

THE FREE PRESS ASSOCIATION, PRINTERS AND BINDERS,

1893.



## Resolution.

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Resolution relating to the publication of the Twenty-eighth Annual City Report, introduced by Alderman Ritchie in the Board of Aldermen, at a meeting held on the 30th day of January, 1893, and adopted, in the words following :

### CITY OF BURLINGTON,

In the year one thousand eight hundred and ninety-three.  
*Resolved*, by the City Council of the City of Burlington, as follows :

The City Clerk is hereby directed to prepare for publication the Annual Reports of the City Officers, and such other matter as is usually published in the City Reports, for the year ending Dec. 31, 1892, and, by and with the advice and direction of the Committee on Printing and Publication, to procure printed 1,300 copies thereof for taxpayers and general distribution, and that said copies be printed ready for such distribution by the 18th day of February, 1893.

Approved January 31st, 1893.

SENECA HASELTON, *Mayor*.



# Government and Officers

OF THE  
CITY OF BURLINGTON,  
FOR 1892.

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*Mayor,*

HIS HONOR, SENECA HASELTON.

Office, No. 1 City Hall,                      Residence, Van Ness House.

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## BOARD OF ALDERMEN.

*President,*

R. G. SEVERSON.

*First Ward,*

CLAYTON C. READ,                      Residence, 132 Colchester Avenue.  
Term expires April, 1894.

ELMER E. DAVIS,                      Residence, 243 Colchester Avenue.  
Term expires April, 1893.

*Second Ward.*

HENRY W. HALL,                      Residence, 41 Clarke Street.  
Term expires April, 1894.

HENRY H. DAVIS,                      Residence, 39 Loomis Street.  
Term expires April, 1893.

*Third Ward.*

PETER RITCHIE,                      Residence, 125 North Champlain Street.  
Term expires April, 1894.

JOSEPH ROBERTS,                      Residence, 148 North Street.  
Term expires April, 1893.

*Fourth Ward.*

R. G. SEVERSON,                      Residence, 308 Main Street.  
Term expires April, 1894.

GEORGE H. KINSLEY,                      Residence, 24 St. Paul Street.  
Term expires April, 1893.

*Fifth Ward.*

CLARENCE HICKS,                      Residence, 169 Church Street.  
Term expires April, 1894.

WILLIAM E. HALL,                      Residence, 204 So. Union Street.  
Term expires April, 1893.

Clerk, *ex-officio*, CHARLES E. ALLEN.

Regular meetings of the Board, first Monday in each month, at Nos. 1 and 2, City Hall.



# Standing Committees

## OF THE BOARD OF ALDERMEN.

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### *On Water Department,*

Aldermen Hicks, Ritchie and H. H. Davis.

### *On Fire Department,*

Aldermen W. E. Hall, H. W. Hall and Hicks.

### *On Street Department,*

Aldermen Read, Roberts and Ritchie.

### *On Accounts and Claims.*

Aldermen E. E. Davis, W. E. Hall and Kinsley.

### *On Pauper Department.*

Aldermen Roberts, E. E. Davis and Read.

### *On Public Buildings and Parks,*

Aldermen Kinsley, Hicks and E. E. Davis.

### *On Printing and Publication,*

Aldermen Ritchie, H. W. Hall, and H. H. Davis.

### *On School and Library Affairs,*

Aldermen H. H. Davis, Read and Hicks.

### *On Health,*

Aldermen H. W. Hall, Ritchie and E. E. Davis.

### *On Liquor Agency,*

Aldermen Severson, Kinsley and W. E. Hall.

## City Officers.

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CITY CLERK,

CHARLES E. ALLEN.

Office, No. 2 City Hall.      Residence, 142 University Place.

ASSISTANT CLERK,

GILBERT A. DOW,      Residence, 226 Pearl Street.

CITY TREASURER,

GREENE D. WELLER,

Office, No. 4 City Hall.      Residence, 164 Cherry Street.

CITY ATTORNEY,

A. G. WHITTEMORE.

Office, 163 Main Street.      Residence, 102 Adams Street.

CONSTABLE AND COLLECTOR OF STATE AND COUNTY TAXES.

JOHN E. LAVELL,

Office, 158 Main Street.      Residence, 207 No. Winooski Av.

HEALTH OFFICER,

HIRAM A. CRANDALL, M. D.

Office, 152 Cherry Street.      Residence, 154 Cherry Street.

ENGINEER AND SURVEYOR,

H. M. McINTOSH, C. E.

Office, City Market Building.      Residence, 166 Bank Street.

GRAND JUROR,

RUFUS E. BROWN.

Office, 163 Main Street.      Residence, 73 Pearl Street.



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OVERSEER OF POOR,

GEORGE A. RUMSEY,                      Residence, Chase Lane.  
Office, 147 North Winooski Avenue.

TRUSTEE U. S. DEPOSIT FUND,

GREENE D. WELLER,                      Office, No. 4 City Hall.

FENCE VIEWERS,

CLEOPHAS LAPRESE,                      Residence, Shelburne Road.  
O. DeVARENNES,                      Residence, 82 North Street.

SEALER OF WEIGHTS AND MEASURES.

THE CITY TREASURER,                      Office, No. 4 City Hall.

CITY WEIGHER AND WOOD MEASURER.

CHARLES P. SMITH,                      Office, 217 College Street.

POUND KEEPER,

WILLIAM FRANCIS,                      Convent Square.

CITY LIQUOR AGENT,

ETHELBERT SELDEN,                      Residence, 42 Church Street.  
Office, No. 12 City Hall.

CITY PHYSICIAN,

ARSENE LETOURNEAU, M. D.,                      Office, 148 North Street.

CHIEF OF POLICE,

JEROME DUMAS,                      Office, 162 Main Street, City Hall.  
Residence, 192 Elmwood Avenue.

JANITOR OF CITY HALL,

G. D. WELLER,                      Office, No. 4 City Hall.

## CEMETERY COMMISSIONERS.

- ALBERT G. PEIRCE, Residence, 6 Church Street.  
*Term expires 1895.*
- ELI POQUETTE, Residence, Lake View Cemetery.  
*Term expires 1894.*
- JOHN A. ARTHUR, Chairman, Residence, North Avenue.  
*Term expires 1893.*

## WATER COMMISSIONERS.

- LOWELL C. GRANT, Residence, Hotel Burlington.  
*Term expires 1895.*
- ALEXANDER H. PARKER, Residence, 38 Battery Place.  
*Term expires 1894.*
- J. W. GOODELL, Chairman, Residence 260 Maple Street.  
*Term expires 1893.*

## SUPERINTENDENT OF WATER WORKS.

- FRANK H. CRANDALL, Residence, 67 Elmwood Avenue.  
Office, No. 5 City Hall.

## ASSESSORS.

Office, No. 7 City Hall.

- EMORY C. MOWER, Residence, 328 Pearl Street.  
*Term expires 1895.*
- EDWARD F. BROWNELL, Residence, Park Avenue.  
*Term expires 1894.*
- FRED. JOHONNOTT, Chairman, Residence, 236 So. Union St.  
*Term expires 1893.*

## AUDITORS.

- MICAH H. STONE, Residence, 25 Elmwood Avenue.  
*Term expires 1893.*
- HEMAN R. WING, Residence, 50 North Battery Street.  
*Term expires 1893.*



WALTER C. ISHAM,                      Residence, 77 North Union Street.  
*Term expires 1893.*

STREET DEPARTMENT.

BOARD OF STREET COMMISSIONERS.

JOHN G. BACON,                      Residence, 28 Cedar Street.  
*Term expires 1895.*

N. KING BROWN, Chairman,      Residence, 233 Pearl Street.  
*Term expires 1894.*

GEORGE W. BECKWITH, Residence, 236 Main Street.  
*Term expires 1893.*

SUPERINTENDENT OF STREETS.

HERALD STEVENS, Residence, 320 North Winooski Avenue.  
Office, City Market Building.

**FIRE DEPARTMENT.**

CHIEF ENGINEER,

FRANK E. PERKINS,      Residence, 78 North Prospect Street.

FIRST ASSISTANT,

MOSES MURRAY, Residence, 39 Allen Street.

SECOND ASSISTANT,

GEORGE E. COWLBECK,\*      Residence, 13 So. Union Street.

THIRD ASSISTANT,

JAMES S. DENNING, Residence, 102 Elm Street.

## FOURTH ASSISTANT,

JOSEPH H. CARLIN, Residence, 60 Elm Street.

\*Died December 12th, 1892.

## BOARD OF FIRE WARDENS.

## WARD.

- I. E. HENRY NASH, Residence, 202 Colchester Avenue.  
II. GEORGE W. LEE, Residence, 273 North Street.  
III. PHILLIP RITCHIE, Residence, 129 No. Champlain Street.  
IV. WILLIAM E. WELLER, Residence, 164 Cherry Street.  
V. CHARLES R. NASH, Chairman, Residence, 157 Pine Street.
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## SCHOOL DEPARTMENT.

## BOARD OF SCHOOL COMMISSIONERS.

Ward 1. CHARLES E. ALLEN, Residence, 142 University Place.  
*Term expires April, 1894.*

Ward 2. GEORGE W. WHITNEY,  
Residence, 83 No. Winooski Ave.  
*Term expires April, 1893.*

Ward 3. JOHN R. KELLEY, Residence, 124 No. Battery Street.  
*Term expires April, 1894.*

Ward 4. ALBERT G. PEIRCE, Residence, 6 Church Street.  
*Term expires April, 1893.*

Ward 5. WM. H. LANE, Jr., Residence, 192 S. Union Street.  
*Term expires April, 1893.*

## CLERK OF BOARD,

CHARLES E. ALLEN, Office, No. 2 City Hall.

Regular meetings first Friday of each month, at 7:30 P. M., at  
the office of Superintendent of Schools.

## SUPERINTENDENT OF SCHOOLS,

HENRY O. WHEELER, Residence, 335 So. Union Street.  
Office in Fletcher Library Building, Church Street.



## TERMS OF OFFICE.

The term of office of the Mayor and Aldermen commences the first Monday of April; of the School Commissioners, the first day of April.

CEMETERY AND WATER COMMISSIONERS.—One elected in April each year for a term of three years, from April 25th, next following his election.

STREET COMMISSIONERS.—One elected in April each year, for a term of three years from May 1st, following his election, and until his successor is elected.

CITY ASSESSORS.—One elected in March each year, for a term of three years from April 1st, following his election, and until his successor is elected and qualified. All others of the foregoing named officers, one year from April 25th, 1892.

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FLETCHER FREE LIBRARY.

## TRUSTEES FLETCHER FREE LIBRARY.

His Honor, THE MAYOR—*ex-officio*.

MATTHEW H. BUCKHAM,	Residence, 28 University Place.
EDWARD J. PHELPS,	Residence, 251 So. Willard Street.
SAMUEL HUNTINGTON,	Residence, 77 No. Winooski Ave.
J. ISHAM BLISS,	Residence, 108 Bank Street.

Secretary of the Board, Rev. J. I. Bliss, D. D.

## LIBRARIAN,

MISS SARAH C. HAGAR, Residence, 323 College Street.

## ASSISTANT LIBRARIAN,

MISS LIZZIE R. MOORE, Residence, 152 No. Prospect Street.

SECOND ASSISTANT,

EDWIN H. CHASE,

Residence, 58 Front Street.

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## CITY COURT.

JUDGE,

HAMILTON S. PECK.

Office, No. 156 College Street. Residence, 406 So. Union St.

CLERK,

ELMER E. DAVIS.

Office, No. 8 City Hall.

Residence, 243 Colchester Ave.

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Ward Officers.

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WARD ONE.

*Clerk*—P. B. Keeler.*Inspectors of Elections*—E. B. Taft, Frank E. Perkins,  
Patrick Foley.

WARD TWO.

*Clerk*—L. G. Burnham.*Inspectors of Elections*—E. J. Booth, Heman Crooker, Jr.,  
L. H. Beaupre.

WARD THREE.

*Clerk*—Martin E. Sullivan.*Inspectors of Elections*—Wm. Fitzgerald, Moses Murray,  
Peter Marengo, Jr.



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WARD FOUR.

*Clerk*—William E. Weller.


*Inspectors of Elections*—F. S. Pease, G. L. Lafountain,  
C. B. Gray.

WARD FIVE.

*Clerk*—C. D. Ordway.

*Inspectors of Elections*—D. C. Barber, J. S. Denning,  
L. A. Drew.

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 Election of City Officers, first Tuesday in March, in  
each year.

# Party Organizations.

## CITY COMMITTEES.

### REPUBLICAN.

William W. Henry,  
L. G. Burnham,  
John G. Bacon,  
D. J. Foster,  
C. L. Smith.

### DEMOCRATIC.

John H. Byrnes,  
F. Saltus, Jr.,  
J. W. Madigan,  
P. H. Fitzsimmons,  
E. M. Sutton.

## WARD COMMITTEES.

E. H. Nash, Geo. W. Keeler, J. H. Chambers.	}	Ward I.	}	Patrick Dowd, L. E. Ryder, John E. Bertrand.
Napoleon Laury, L. A. Dion, C. H. Stearns.	}	Ward II.	}	C. H. Cota, F. A. Dougherty, F. Saltus, Jr.
G. P. Tuttle, D. R. Peterson, A. E. King.	}	Ward III.	}	P. H. Moran, F. X. Benoit, C. L. Steinkamp.
Frank Brown, A. L. Walker, F. P. Robinson.	}	Ward IV.	}	Thos. Morrison, H. N. Coon, Thos. Butler.
J. W. Russell, H. R. Conger, Jos. Robinson.	}	Ward V.	}	J. J. Enright, J. W. Daley, C. L. Dolan.

## Mayor's Message.

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DELIVERED BEFORE THE CITY COUNCIL, APRIL 4TH, 1892.

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*To the Honorable Board of Aldermen:*

GENTLEMEN :—Although the questions, which will during the coming year present themselves to us in our official capacity, can only be solved as they arise, it is in accordance with established and authorized usage, and may not be without profit, that a brief review of our municipal affairs be made at this time.

### THE FUNDED DEBT.

The gross bonded debt of the city is to-day \$385,000. Of this amount \$320,000 bears interest at the rate of four per cent, \$160,000 of this debt having been refunded at that rate during 1891. The balance of the debt, \$65,000, bears interest at the rate of six per cent, but the last of the six per cent bonds will mature in a little over two years. As these can undoubtedly be refunded at the lower rate above mentioned, the time is now near when our entire bonded debt will bear the moderate rate of interest to which the excellent credit of the city entitles its securities.

During the year 1891 the sinking fund was increased \$12,018.64. Of this sum \$5,355 was the proceeds of the five



per cent sinking fund tax, \$4,991. was the income of securities held by the sinking fund, and \$1,672.64 was the net premium realized on the sale of refunding bonds. The amount of the sinking fund is now \$101,013.69. The net bonded debt of the city is, therefore, \$283,986.31, and the decrease in the bonded debt of the city for the year has been \$12,018.64.

Securities are now held for the sinking fund to the amount of \$103,600, of which sum \$2,856.31 is carried in the general account of the city.

The City Council, under legislative authority, has recently authorized the issue of school bonds to the amount of \$30,000, to bear interest at the rate of four per cent, for the purpose of providing a new school house on Pine street. Some cemetery funds are now uninvested and available securities are needed in which to invest the accretion to the sinking fund to be made during the present year. I would, therefore, suggest the advisability of reserving a portion of these school bonds for the use of the cemetery commissioners and of the city in the ways above indicated.

There are now seven outstanding reservoir notes, of \$2,500. each, bearing interest at the rate of five per cent. The unpaid debt on account of reservoir construction is, therefore, \$17,500.

The re-distribution of United States deposit money under the census of 1890 added \$6,483.52 to the amount apportioned to Burlington, and this sum was forwarded by the State treasurer during the past year. G. D. Weller, trustee of the United States deposit fund, now holds the notes of the city treasurer for \$29,365.92, the total amount of the fund. In one sense this constitutes an indebtedness of the city, but Burlington can be called on for no portion thereof except in

the improbable event of its failing to hold its present proportionate part of the population of the State.

### TRUST FUNDS.

The trust fund of \$12,465, derived from the Pomeroy estate, and held for the benefit of the Elmwood avenue cemetery, yielded in 1891 an income of \$847.90, a sum \$110.32 less than the income of the same fund in 1890. The fund held on account of the Lake View cemetery was swelled during the year 1891 from \$6,425. to \$7,875. The income from this fund in 1891 was \$315. a sum \$27.63 less than the income in 1890 from the smaller fund held that year. These trust funds should invariably be invested and re-invested with a view primarily to the security of principal.

### TAXATION.

The financial condition of the city is favorable to a low rate of taxation the present year. A moderate fund for permanent improvement is always more judiciously expended than a large one. Every reasonable requirement of our citizens for the present year can, I am confident, be met from the avails of a tax of 100 cents. If your judgment coincides with mine in this regard, and the taxpayers feel reasonably assured that the above rate of taxation will not be exceeded, the grand list will pretty surely show some increase and so the funds at the disposal of the departments will exceed the estimates based on the list of last year. Besides at a time when outside capital is inclined, though with some timidity, to seek investment here, it is of the utmost importance that the rate of taxation should be such as to invite and not to repel it. A rate of ten dollars upon the thousand of the appraisal of property will be

universally regarded as imposing no undue burden upon exposed and active capital.

### STREETS AND SEWERS.

Work at the mouth of the main sewer should be promptly entered upon. Two plans have been chiefly considered, and, though with some hesitancy, I would advise against that submitted by Engineer Stearns during the past year. The other, which need not here be explained, can probably be carried on in co-operation with the corporation owning the land about the point of discharge.

The results which would follow the execution of this plan can be calculated with a considerable degree of certainty. It is safe to say that it could hardly fail to afford adequate relief from the present offensive conditions. Pending the work at the mouth of the main sewer the amount of sewer construction in our streets may with propriety be somewhat limited.

The extension of Pine street to Park avenue, a work which would be of great public advantage, has been decided upon by the street commissioners, but the appeal of a property owner has interposed a legal obstacle to the immediate realization of the project.

The amount of money which it may be advisable to expend in the improvement of our streets in general, may well depend in a measure upon whether or not the obstacle to the extension of Pine street is removed in season to permit of work in that direction this year.

### WATER DEPARTMENT.

The receipts credited to the water works during the year 1891 amounted to \$35,589.19. Of this amount, however,



\$1,600. is really fictitious, being the sum which the city charges itself for water used by the fire department and for water used in the public buildings, fountains and watering troughs. While the matter is not of the utmost importance, I would suggest that such a modification of book-keeping be adopted as will eliminate these items from the reported receipts. It may be noted that the quantity of water used for manufacturing purposes is gradually increasing, the receipts for water so used in 1891, being \$3,096.77. Should private enterprise render electric power generally available, the demand from manufacturers for water would not improbably fall off and the water pumps be proportionately relieved.

### PARKS.

The work done upon City Hall Park during 1891, in a great measure transformed its appearance. The requisite outlay was entirely justifiable, as this park has, by general consent, come to be a place for many large public gatherings on occasions of band concerts, decorations day addresses, political assemblages and the introduction to our people of distinguished visitors to the city. The money expended on parks during the present year should be used largely for the improvement of Battery Park, a place of historic interest, and a ground for out-door recreation conveniently situated with reference to the most thickly populated portion of the city. At no distant day the matter of acquiring still further territory for the purposes of a public park should be seriously considered.

### THE POLICE DEPARTMENT.

During the last year a considerable number of minor burglaries and larcenies were committed in the city, considerable apprehension at one time being felt for the safety of property.

In the discovery of the offenders in these cases, and in the recovery of property, the police authorities displayed great tact and perseverance, and the sense of security of our people was in the end strengthened rather than impaired. It has been thought wise during the past winter to allow considerable indulgence in coasting, but careful police supervision of such sport has been provided, and no noticeable accident has occurred. Excellent results are found to follow the appointment in the various sections of the city of unpaid special policemen, each of whom is expected to exercise some vigilance in his immediate neighborhood. The number of appointments of such special policemen this day made, subject to your approval, is somewhat larger than the number of similar appointments made a year ago.

### THE FIRE DEPARTMENT.

For two years the number of assistant engineers of the fire department chosen by the City Council has been two. An examination of the existing ordinance shows that so long as this ordinance remains unchanged it is imperative upon the City Council to elect at least four assistant engineers. No good reason seems to exist for a change of the existing ordinance in this respect. The recommendations of a board of five engineers selected from the various companies cannot fail to be of great assistance to the City Council in its deliberations upon the needs of the department.

The firemen were never more efficient than they have been during the past year and the condition of harmony and good feeling which is necessary to their efficiency ought not to be impaired by any endeavor after fanciful and doubtful reforms. Above all things the pride which each company takes

in its own organization and self-government ought not needlessly to be attacked.

Steps have recently been taken to render the fire wardens a more efficient adjunct of the fire department than they have heretofore been. Their organization and action as a board will surely be productive of salutary results.

### THE POOR DEPARTMENT.

From personal inspection I am able to say that the condition of the poor farm and its buildings is excellent. The system of farming followed is sensible and remunerative. The surroundings of the inmates of the house are comfortable. An important part of the duties of the poormaster, particularly in the winter season, consists in relieving families and persons not inmates of the poorhouse. Calls for assistance from such applicants should be patiently and thoroughly investigated. While the department should be managed in such a way as not to encourage the growth of a pauper class, made so by indolence and unthrift, great care should be taken that actual deprivation and suffering remain in no case unheeded and unrelieved.

### THE FREE LIBRARY.

The Fletcher Library continues its work in undiminished influence. The memory of the Rev. Dr. Ware will be a lasting inspiration to trustees, librarians and readers. The circulation of books during 1891 was larger than in any previous year, yet it is to be remembered by the friends of public education that the character rather than the amount of one's reading determines the value of the influence imparted to him. For increase in the usefulness of the library reliance must



largely be had upon the advice and assistance which those who have the confidence and respect of the young are willing to give them in their choice of books.

Until the time comes for the erection of a new library building the City Council can do little to further the influence of the library except to make with entire cheerfulness an adequate annual appropriation for current expenses.

### SCHOOLS.

The erection of a new school building on the corner of Pine and Cherry streets is shortly to begin. The City Council, with great cordiality, met the views of the board of school commissioners by providing the necessary funds, but with a very general feeling that to secure the fullest public approval of the enterprise it is requisite that the employment which the erection of the building will afford be given to our own citizens and taxpayers. There is good reason to believe that the school board entertain like views of what is public policy in this regard and will act conformedly thereto.

The extent to which the law providing for a State school tax operates against our city is considerable. Under its operation we paid to the State treasurer in 1891, \$5,371.19, and received from the treasurer in return only \$624.39. A true construction of the law will secure in the future a somewhat larger return, but probably there will not be restored to us from year to year more than about one-fourth the amount annually paid to the State.

The gratifying results already reached in the reduction of illiteracy ought not to lead to any relaxation of effort in this direction. Those whom it is most difficult to reach are illiterate youth above the age of compulsory school attendance.

Evening schools are apparently the only means of solving the problem of the education of those belonging to this class and an energetic and persistent effort should be made to increase their enrollment. Much can be accomplished by the selection for these schools, of teachers possessing the entire confidence of those whose education is sought and in full sympathy with them.

A gratifying result of the excellence of our High School is that in 1891 it secured to the city an income of \$1,120. from the tuition of non-resident pupils. The presence among us of these pupils must also have been of incidental advantage to the community.

### CONCLUSION.

It is needless to say that I have not alluded to many matters of prime importance to our municipality, but I have occupied so much of your time as it is fitting that I should appropriate. Nothing which bears upon the prosperity of the city should be foreign to our deliberations if action upon it is within our charter powers. It is impossible, as it is undesirable, that we enter upon our official duties without a keen sense of responsibility, but responsibility in official place cannot be avoided by inaction. The city rightly requires from us constant and earnest endeavor for the common good. May we be able to ignore all dissensions in the community, whether political or otherwise, upon matters of whatever moment, not pertinent to the interests entrusted to our charge. May we differ with each other only as, with equal loyalty of spirit and with reciprocal respect, we may differ in judgment as to methods of promoting the honor and welfare of Burlington.

SENECA HASELTON, Mayor.

TWENTY-FIFTH ANNUAL REPORT  
OF THE  
**Superintendent of Schools,**  
JANUARY 1, 1892, TO JANUARY 1, 1893.

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DEPARTMENT OF PUBLIC SCHOOLS.

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BOARD OF SCHOOL COMMISSIONERS.

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PRESIDENT,  
HENRY O. WHEELER, Superintendent.

CLERK,  
CHARLES E. ALLEN.

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WARD ONE,  
CHARLES E. ALLEN.  
*Term expires April 1st, 1894.*

WARD TWO,  
GEORGE W. WHITNEY.  
*Term expires April 1st, 1893.*

WARD THREE,  
JOHN R. KELLEY.  
*Term expires April 1st, 1894.*



WARD FOUR,

ALBERT G. PEIRCE.

*Terms expires April 1st, 1893.*

WARD FIVE, \*

WILLIAM H. LANE, Jr.

*Term expires April 1st, 1893.*

TRUANT OFFICER,

MICHAEL MURPHY, Jr.

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**STANDING COMMITTEES.***On School Houses and School Property,*

Superintendent WHEELER,

Commissioners KELLEY and PEIRCE.

*On School Instruction, Text-Books and Teachers,*

Superintendent WHEELER,

Commissioners LANE, ALLEN and WHITNEY.

*On Finance and Accounts,*

Superintendent WHEELER,

Commissioners ALLEN, PEIRCE and KELLEY.

\* *On Rules and Regulations,*

Superintendent WHEELER,

Commissioners WHITNEY and LANE.

*Regular Meetings of the Board,*

First Friday in each month, at 7.30 P. M., at the Superintendent's office in the Fletcher Free Library Building.

Superintendent's office hours from 4:15 to 5:15 P. M., school days.

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ROLL OF TEACHERS.

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WINTER TERM, 1893.

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*High Schools.*

Principal—Sealand W. Landon, A. M.  
First Assistant—Elizabeth M. Benedict.  
Second Assistant—Effie Moore, A. B.  
Third Assistant—Mabel C. Hawes, A. B.  
Fourth Assistant—Phebe M. Towle.  
Teacher of French—Annie T. Smith.

*Grammar Schools.*

Principal—Mary E. Wells.  
First Assistant—Minerva A. Laing.  
Second Assistant—Bertha L. Hawes.  
Third Assistant—Mrs. Ellen M. Johnson, A. B.

*Main Street Grammar, No. 1.*

Teacher—Mrs. Ellen H. Vilas.

*Main Street Grammar, No. 2.*

Teacher—Kate E. Lowry.

*Pine Street Intermediate.* \*

Principal—Sarah A. Martin, Ph. B.  
First Assistant—Lillian E. Coyne.  
Second Assistant—Annis L. Isham, A. B.

*Pomeroy Intermediate.*

Principal—Emma J. Chapman.  
First Assistant—Clara M. Lawrence.  
Second Assistant—Grace A. Andrews.

*Adams Intermediate.*

Principal—Ada D. Bartlett.

First Assistant—Lucy A. Baker.

Second Assistant—Anna L. Dyke, Ph. B.

*North and Murray Streets Intermediate.*

Teacher—Cora B. Drew.

*Pine Street Primary.*

Principal—Jesse N. Griswold.

First Assistant—Mary A. Farrell.

Second Assistant—Emma C. Benz.

*Pomeroy Primary.*

Principal—Della B. Hayden.

First Assistant—Clara Atwater.

Second Assistant—Louise M. Comstock.

*Adams Primary.*

Principal—Mrs. Mary B. Mayo.

First Assistant—Laura M. Ryan.

Second Assistant—Lucia M. Andrews.

*North and Murray Streets Primary.*

Principal—Frances E. Messenger.

First Assistant—Josephine M. Arcand.

Second Assistant—Nellie D. Butts.

*Archibald Street Primary.*

Principal—Mrs. Lois J. Malaney.

First Assistant—Mrs. Kate P. Miller.

Second Assistant—Emma C. Lanou.

*Main Street Primary.*

Teacher—Annie A. Smith.

*Falls School.*

Principal—Mary E. Fuller.

Assistant—Della L. Calvert.

*North Avenue.*

Teacher—Winifred M. Collins.

*Cherry Street Ungraded Day School, No. 1.*

Teacher—Maria B. Harty.

*Cherry Street Ungraded Day School, No. 2.*

Teacher—Jesse A. Chase.

*Cherry Street Evening School.*

Teacher—John A. Goodrich.

*Falls Evening School.*

Teacher—Earle R. Davis.

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Teacher of Vocal Music—Alvin C. Saunders.

Supervisor of Drawing—Mary E. Wells.

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## PUPIL TEACHERS.

Nellie Ayling,  
Maude M. Weeks,  
Charlotte W. Graves,  
Charlotte Northrop,  
Agnes Clyde Critchlow.



“Suffer in order to be Wise, and Labor in order to Have.”

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**GRADUATING EXERCISES, CLASS OF '92,  
BURLINGTON HIGH SCHOOL,**

HOWARD OPERA HOUSE, FRIDAY, JUNE 24th, at 2 P. M.

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**PROGRAMME.**

*Choral Army of Peace*—Orchestra and School, *G. A. Veazie*.  
 Improved Condition of the Laborer. . . . Frank R. C. Mitchell.  
 The Home Life of the Puritans. . . . Mary Gertrude Douglass.  
 Lessons from the Census Report. . . . . B. Wellington Paxton.  
 Fingers and Eyes. . . . . Chattie Mary Miner.  
 The Base Line. . . . . Sydney Farnsworth Weston.  
*Overture —Stradella*. . . . . *Flotow*.  
 Democracy. . . . . Frederic William Roberts.  
 Books as Friends . . . . . Ruth Ida Norton.  
 The Spirit of Arbitration . . . . . Chauncey M. Goodrich.  
 American Writers of To-day. . . . . Mary L. Van Patten.  
 The Age of Electricity. . . . . Henry Bigelow Shaw.  
*Pilgrims' Chorus*. . . . . *Wagner*.  
 My Neighbor. . . . . Mary E. Drew.  
 University Extension. . . . . Joseph Tuttle Stearns.  
 The Use of Money. . . . . Frances Shedd Hall.  
 Reserve Force. . . . . Elwin L. Ingalls.  
*School Days Are Past*, (Trio for Ladies' Voices,) . . . *Wagner*.

**PRESENTATION OF DIPLOMAS.**

## AWARDING OF PRIZES TO

Edwin L. Ingalls and Frances Shedd Hall.

*The Pilgrim Fathers*, Orchestra and School,Arranged by *Wade*.

## GRADUATES.

*English Course.*

Dana E. Bicknell,	Margaret Alice Millham,
Agnes Clyde Critchlow,	Lucile L. Morgan,
Mary Gertrude Douglass,	Alice M. Rumsey,
Rupert Hill,	Edith Emma Smith,
Lida Marie Lanou,	Grace Janette Thompson,
Edgar L. Leavenworth,	Florence C. Tomlinson.

*Latin-English Course.*

Mary Luella Amell,	Frank R. C. Mitchell,
Brainard Avery,	Delia Adelaide Morgan,
Jessie Ellen Babbit,	Ruth Ida Norton,
Mary Black,	Genevieve M. Osteyee,
Anna Boutwell,	B. Wellington Paxton,
Josephine May Eaton,	Jessie D. Scott,
Frances Shedd Hall,	Minnie G. Sornborger,
William Goodell Hawes,	Katharine E. Stone,
Grace Madeleine Johnson,	Mary L. Van Patten,
Chattie Mary Miner,	Sydney Farnsworth Weston,
Nellie Packard Wright.	

*Classical Course.*

Mary E. Drew,	Andrew C. M. Morrow,
Chauncey M. Goodrich,	Frederic William Roberts,
Charles Hartt Hagar,	Henry Bigelow Shaw,
Elwin L. Ingalls,	Joseph Tuttle Stearns.

## CLASS DAY EXERCISES.

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HIGH SCHOOL HALL, THURSDAY, JUNE 23, AT 8 P. M.

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### PROGRAMME.

<i>Music</i> .....	Orchestra.
Class History.....	Mary Black.
Poem.....	Minnie G. Sornborger.
<i>Music</i> .....	School.
Prophecy.....	Andrew C. M. Morrow.
Selection.....	'92 Mandolin Club.
Presidents Address.....	Brainard Avery.
<i>Music—America</i> .....	Orchestra and School.

### CLASS OFFICERS.

President.....	Brainard Avery.
Vice-President.....	Mary E. Drew.
Secretary.....	Edgar L. Leavenworth.
Treasurer.....	Katharine E. Stone.

### PERMANENT ORGANIZATION.

President.....	Joseph Tuttle Stearns.
Vice-President.....	Ruth Ida Norton.
Secretary and Treasurer.....	Frank R. C. Mitchell.

# REPORT

## OF THE

### Superintendent of Public Schools.

*To the Honorable the City Council:*

GENTLEMEN :—In compliance with the requirement of the City Charter, I have the honor to present the report for the Department of Public Schools, (the twenty-fifth to the City Council, and my thirteenth) for the year 1892 :

#### FINANCIAL STATEMENT.

##### RECEIPTS.

Balance January 1, 1891 .....	\$ 2,444 44
City taxes .....	25,400 00
Interest on U. S. Deposit Fund .....	1,761 97
"    "    Huntington Fund.....	555 99
"    "    Bonds.....	84 00
Rent of School Lands.....	141 46
Tuition from non-resident pupils.....	1,025 00
Sundries.....	63 68
State Treasurer—State tax.....	1,374 00
Total.....	\$32,850 54



## DISBURSEMENTS.

Teachers' salaries.....	\$20,614 47
Superintendent's salary.....	1,150 00
Janitors and cleaning.....	1,783 63
Repairs.....	1,634 86
Fuel.....	1,501 34
Incidentals.....	1,174 34
Supplies.....	658 44
Furniture.....	168 75
School census.....	125 00
Water rates.....	169 67
Insurance.....	166 50
Apparatus, maps and charts.....	9 50
Interest on temporary loans.....	188 75
Truant officer.....	161 00
Total.....	<u>\$29,506 25</u>

## RECAPITULATION.

Total receipts.....	\$32,850 54
Total disbursements.....	\$29,506 25
Balance on hand.....	<u>3,344 29</u> \$32,850 54

In behalf of the Finance Committee I submit the following estimates for 1893:

## RECEIPTS.

Balance from 1892.....	\$ 3,344 29
Taxes.....	29,000 00
Interest on U. S. Deposit Fund.....	1,761 97
“ “ Huntington Fund.....	552 78
“ “ Bonds.....	84 00

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Rent from leased land.....	\$ 182 96
Tuition from non-resident pupils .....	1,000 00
State tax.....	1,374 00
	<hr/>
Total.....	\$37,300 00

## DISBURSEMENTS.

Teachers' salaries.....	\$21,000 00
Superintendent's salary,.....	1,500 00
Janitors and cleaning.....	2,000 00
Repairs.....	2,000 00
Fuel.....	2,500 00
Apparatus, maps and charts.....	200 00
Incidentals.....	2,000 00
Supplies.....	700 00
Furniture.....	4,250 00
School census.....	150 00
Water rates.....	250 00
Insurance.....	300 00
Interest on temporary loans.....	250 00
Truant officer.....	200 00
	<hr/>
Total.....	\$37,300 00

## CONSTRUCTION OF "CONVERSE SCHOOL."

### RECEIPTS.

From sale of 4% School Bonds.....	\$30,000 00
“ interest account.....	160 00
	<u>\$30,160 00</u>

### DISBURSEMENTS.

Paid F. W. Cole for house and lot on S. W. corner Pine and Cherry streets.....	\$ 4,250 00
“ interest on loan.....	87 13
“ American Bank Note Co. for Bonds.....	165 00
“ Kramer & Zoll on account of plans .....	450 00
“ Willard Ducomb on contract for construction..	12,566 94
“ Rodney Roby, Superintendent of construction..	478 87
Balance on hand on construction account.....	12,162 06
	<u>\$30,160 00</u>

### STATISTICS.

The following tables exhibit the condition of our schools, by terms, in respect to enrollment, attendance, regularity, punctuality, etc., and a comparison with the important items in the statistics for the preceding year :

## WINTER TERM, 1892.

Schools.	Number Enrolled.	Average Daily Attendance.	Attendance Per Cent.	Number of Days in Term.	Average Number of Days Attendance.	Tardiness.	Dismissals.	Scholars, no Absences.	Number Visits Rec'd.
High Schools.....	Grade A 33	32 97	55	51	2	2	6	8	
	Grade B 42	40 95	55	51	5	5	11		
	Grade C 62	56 90	55	50	9	15	10		
	Grade D 81	70 86	55	47	2	21	12		
	Specials 9	7 78	55	41			1		
Gram. Schools...	Grade A <sup>1</sup> 34	31 91	55	49	8	16	9	6	
	Grade A <sup>2</sup> 33	30 91	55	49	9	10	8		
	Grade B 79	72 91	55	50	14	16	14	6	
Main St. Gram. No. 1.....	46	40 87	55	48			6	3	
Main St. Gram. No. 2.....	46	37 80	54.5	44	9	13	3		
Pine St. Intern.,	Grade A 40	37 93	55	50	3	4	5	36	
	Grade B 36	31 86	55	48	6	3	4		
	Grade C 26	24 92	55	50	9	5	5		
Pomeroy Intern.,	Grade A 21	20 95	55	52	1	1	5	27	
	Grade B 34	30 88	55	48	3	1	6	36	
	Grade C 31	28 90	55	50	2	3	7	38	
Adams Intern.,	Grade A 28	24 86	55	48	5	3	4	32	
	Grade B 25	21 84	55	47	5	4	2	3	
	Grade C 35	30 86	55	48	4	2	1	43	
No. & M. Sts. Int.,	Grade C 50	45 90	55	50	7	5	4	8	
Pine St. Primary,	Grade A 67	46 69	55	38	10	4		1	
	Grade B 26	21 81	55	44	5	3	3		
	Grade C 24	20 83	55	45	1	4	3	28	
Pomeroy Primary,	Grade A 28	25 89	55	49	4	4	8	24	
	Grade B 31	29 94	55	51	7	2	7	1	
	Grade C 61	53 87	55	47	7	5	5		
Adams Primary,	Grade A 23	20 87	55	49	6	1	3	17	
	Grade B 32	30 91	55	50	3	2	5		
	Grade C 37	30 81	55	41	10	1		14	
No. & M. Sts. Prim.	Grade A 26	23 92	55	49	9	14	4	6	
	Grade B 31	29 94	55	51	3	1	4		
	Grade C 63	51 81	55	44	13	6	3		
Archibald St. Prim.	Grade A 55	48 87	55	48	15	5	11	8	
	Grade B 35	30 86	55	46	12		4	6	
	Grade C 38	31 82	55	46	9	1	4	4	
Main Street Primary.....	34	27 79	55	44	3	1	4	22	
Falls Intermediate.....	23	19 83	55	46	5	3	4	12	
Falls Primary.....	50	42 84	55	47	4	1	4		
North Avenue.....	23	22 96	50	47	11	6	1		
Cherry Street No. 1.....	38	28 74	54	40	20	22	2	11	
Cherry Street No. 2.....	30	19 63	50	32	5		1	10	
Cherry Street Evening.....	23	10 43	55	22					
Falls Evening.....	25	12 48	55	27		3	1		
Totals.....	1,615	1,370 85	2,353.5	1,974	265	222	204	410	



## SPRING TERM, 1892.

Schools.	Number Enrolled.	Average Daily Attendance.	Attendance Per Cent.	Number of Days in Term.	Average Number of Days Attendance.	Tardiness.	Dismissals.	Scholars, no Absences.	Number Visits Rec'd.
High Schools	Grade A	42	40 95	59	56	8	1	11	
	Grade B	38	36 95	59	55	5	2	12	
	Grade C	58	54 93	59	55	6	15	14	
	Grade D	72	66 92	59	54	5	24	18	
	Specials	4	3 75	59	59		3	2	
Grammar Schools	Grade A <sup>1</sup>	33	30 91	58	52.5	8	20	8	17
	Grade A <sup>2</sup>	33	31 94	58	55	13	18	9	
	Grade B <sup>1</sup>	76	69 91	58	53	21	35	12	6
Main St. Gram. No. 1		47	42 89	58	52		7	5	6
Main St. Gram. No. 2		42	38 90	58	52	7	3	8	3
Pine St. Inter.	Grade A	42	39 93	42	39	2	2	6	6
	Grade B	35	32 91	42	38	9	4	8	
	Grade C	30	25 83	42	35	2	4	6	
Pomeroy Inter.	Grade A	21	20 95	48	45.5			6	
	Grade B	28	24 96	48	41			10	3
	Grade C	34	31 91	48	43			6	2
Adams Inter.	Grade A	27	23 85	48	41	3	2	2	
	Grade B	27	25 93	48	44	6	3	5	
	Grade C	35	30 86	48	41	2	3	1	
North & Murray Sts. Inter.		51	47 92	48	44	4	3	12	2
Pine St. Primary	Grade A	66	56 88	42	34	5		3	
	Grade B	26	23 89	42	37	3	6	2	22
	Grade C	28	22 79	42	33	3	1	5	8
Pomery Primary	Grade A	30	26 87	48	42		7		27
	Grade B	29	26 90	48	43	2	2	10	7
	Grade C	76	63 83	48	48	4	2	11	
Adams Primary	Grade A	23	21 91	48	43	4	2	2	19
	Grade B	29	26 90	48	43	1	3	7	
	Grade C	62	37 59	48	48	5		1	20
No. & Murray Sts. Primary	Grade A	26	22 85	48	40	6	17	5	26
	Grade B	34	32 94	48	43.5	7	9	9	
	Grade C	82	66 80	48	38	16	3	10	
Arch'd St. Prim.	Grade A	52	48 92	48	44	13	2	20	3
	Grade B	44	36 82	48	39	3	2	9	3
	Grade C	51	43 84	48	45	9		14	2
Main St. Primary		46	39 85	48	41	5	3	5	24
Falls Intermediate		20	19 95	48	45	1	7	4	4
Falls Primary		50	42 84	48	43	7	2	8	
North Avenue		29	27 93	53	50	12	5	6	
Cherry St. Ungraded No. 1		31	24 77	49	36.5			4	3
Cherry St. Ungraded No. 2		38	23 61	48	29	4		2	11
Cherry St. Evening		5	4 80	9	6.5				3
Falls Evening									
Totals	1652	1430	87	2052	1,826.5	211	222	298	227

## FALL TERM, 1892.

Schools.		Number Enrolled.	Average Daily Attendance.		Attendance Per Cent.	Number of Days in Term.	Average Number Days Attendance.	Tardiness.	Dismissals.	Scholars, no Absences.	No. Visits Received.
High Schools.....	Grade A	36	34	92	71	67.5		1	8	36	
	Grade B	53	49	92	71	65	5	12	15		
	Grade C	66	61	92	71	66	11	17	18		
	Grade D	73	68	93	71	66	3	19	21		
	Specials	14	9	64	71	45	2	2	2		
Grammar Schools ....	Grade A <sup>1</sup>	39	36	92	71	65.5	11	11	8	8	
	Grade A <sup>2</sup>	37	35	95	71	66.5	9	21			
	Grade B <sup>1</sup>	85	76	89	71	63	25	17	14	8	
Main St.Grammar.....	No. 1....	47	43	91	71	64	3	7	6	14	
Main St.Grammar.....	No. 2....	44	39	89	71	63	13		6	4	
Pine St. Intermediate,	Grade A	42	35	83	71	59.5	9	6	4	7	
	Grade B	49	39	80	71	57	11	6	7		
	Grade C	32	26	81	71	58		5	3	5	
Pomeroy Intermediate,	Grade A	27	25	93	71	65	1	2	7	18	
	Grade B	36	32	89	71	62	1		6		
	Grade C	48	43	90	71	63	3	4	10		
Adams Intermediate..	Grade A	39	31	79	70	56	2	5	6	20	
	Grade B	34	22	65	70	45.5	2	1	3	13	
	Grade C	36	29	81	70	57	12	18	3	4	
North and Murray Streets											
Intermediate.....		38	32	84	69	59	9	5	4	12	
Pine Street Primary ..	Grade A	26	20	77	71	56	6	7	3	54	
	Grade B	28	21	75	71	53	2	2	1	12	
	Grade C	56	54	96	71	43	4	1	8		
Pomeroy Primary.....	Grade A	35	32	91	71	65	4	3	1	40	
	Grade B	31	26	84	71	56	4	1	5		
	Grade C	69	52	75	71	53	4	12	2		
Adams Primary.....	Grade A	23	20	87	71	62	14	3	1	66	
	Grade B	34	30	88	71	62	15	5	1		
	Grade C	65	50	77	71	54	10	1	2	63	
North and Murray Streets											
Primary.....	Grade A	25	22	88	71	63.5	12	12	1	20	
	Grade B	28	23	82	71	58	15	5	3		
	Grade C	65	51	78	71	56	8	3	5		
Archibald Street											
Primary.....	Grade A	24	21	88	71	62	5	2	6	13	
	Grade B	30	25	83	71	59.5	7	2	6	2	
	Grade C	69	55	80	71	57	15	6	9	5	
Main Street Primary ..		41	34	83	70.5	59	11	3	4	25	
Falls Intermediate ..		50	42	84	71	59	2	10	3	30	
Falls Primary.....		22	20	91	71	63	2	8	3		
North Avenue.....		35	30	86	71	60.5	29	3	2	44	
Cherry Street No. 1 ..		31	23	74	69.5	52	10	18	2	12	
Cherry Street No. 2 ..		44	28	64	71	32	3	1	1	2	
Cherry Street Evening		37	12	32	25	8					
Falls Evening.....		34	20	59	25	15					
Totals.....		1,777	1,475	83	2,954	2,422	315	267	220	537	

# COMPARISON WITH STATISTICS OF 1891.

	WINTER TERM.				SPRING TERM.				FALL TERM.			
	Number Enrolled.	Average Daily attendance.	Attendance Per Cent.	Number of Scholars with no absences.	Number Enrolled.	Average Daily attendance.	Attendance Per Cent.	Number of Scholars with no absences.	Number Enrolled.	Average Daily attendance.	Attendance Per Cent.	Number of Scholars with no absences.
Totals in 1892	1,615	1,370	85	204	1,652	1,430	87	298	1,777	1,475	83	220
Totals in 1891	1,534	1,279	83	183	1,509	1,320	87	305	1,765	1,499	85	248
Losses in 1892	81	91	2	21	143	110		7	12	24	2	28
Gains in 1892												

# REPORT OF CHARLES E. ALLEN, City Clerk,

TO THE STATE SUPERINTENDENT,  
FOR THE YEAR ENDING MARCH 31st, 1892.

1.	How many organized school districts in town ?	1
2.	How many common schools in town.....	
	Including High School ?	43
3.	How many terms of common school in town	
	Including High School ?	128
4.	What was the aggregate number of weeks of school for all the schools in town ?.....	1,523
5.	What was the average number of weeks of school in the year for all the schools in town ?.....	35.3
6.	How many schools of less than 24 weeks in your town ? (Evening schools).....	2
7.	How many schools of 24 weeks ?.....	41
8.	“ “ 26 “ .....	41
9.	“ “ 28 “ .....	41
10.	“ “ 30 “ .....	41
11.	“ “ 32 “ .....	41
12.	“ “ 34 “ .....	41
13.	“ “ 36 “ .....	34
14.	How many scholars attended a school of less than 24 weeks?.....	78
15.	How many scholars attended a school of 24 weeks?.....	1,939
16.	How many scholars attended a school of 26 weeks?.....	1,939



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17.	How many scholars attended a school of 28 weeks.....	1,939
18.	How many scholars attended a school of 30 weeks?.....	1,939
19.	How many scholars attended a school of 32 weeks?.....	1,939
20.	How many scholars attended a school of 34 weeks?.....	1,939
21.	How many scholars attended a school of 36 weeks?.....	1,608
22.	How many children between 5 and 20 years of age in your town?.....	4,126
23.	Number of boys?.....	2,081
24.	Number of girls?.....	2,045
25.	Number of children between 5 and 6 years of age?.....	332
	Number of children between 6 and 7 years of age?.....	302
	Number of children between 7 and 8 years of age?.....	298
	Number of children between 8 and 9 years of age?.....	313
	Number of children between 9 and 10 years of age?.....	263
	Number of children between 10 and 11 years of age?.....	320
	Number of children between 11 and 12 years of age?.....	276
	Number of children between 12 and 13 years of age?.....	299
	Number of children between 13 and 14 years of age?.....	254

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	Number of children between 14 and 15 years of age? .....	265
	Number of children between 15 and 16 years of age? .....	257
	Number of children between 16 and 17 years of age? .....	284
	Number of children between 17 and 18 years of age? .....	244
	Number of children between 18 and 19 years of age? .....	223
	Number of children between 19 and 20 years of age? .....	196
26.	How many scholars between 5 and 20 years of age, <i>exclusive of those who had been registered in some other public school</i> , have attended public school in your town? .....	2,017
27.	Number of boys? .....	1,072
28.	Number of girls? .....	945
29.	Number of scholars between 5 and 6 years of age? .....	176
	Number of scholars between 6 and 7 years of age? .....	175
	Number of scholars between 7 and 8 years of age? .....	162
	Number of scholars between 8 and 9 years of age? .....	158
	Number of scholars between 9 and 10 years of age? .....	157
	Number of scholars between 10 and 11 years of age? .....	174
	Number of scholars between 11 and 12 years of age? .....	162

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	Number of scholars between 12 and 13 years of age?.....	164
	Number of scholars between 13 and 14 years of age?.....	170
	Number of scholars between 14 and 15 years of age?.....	143
	Number of scholars between 15 and 16 years of age?.....	157
	Number of scholars between 16 and 17 years of age?.....	93
	Number of scholars between 17 and 18 years of age?.....	68
	Number of scholars between 18 and 19 years of age?.....	45
	Number of scholars between 19 and 20 years of age?.....	13
30.	What was the aggregate total attendance of scholars between the ages of 5 and 20 years?.....	253,734
31.	How many different scholars between the ages of 5 and 20 attended the common schools, (Including High School) ?.....	2,017
32.	What is the estimated number of pupils attending academies, seminaries and other private schools, not including those in Parochial schools?.....	288
33.	How many pupils in Parochial schools?.....	950
34.	What was the whole number of different scholars attending public and private schools?...	3,255
35.	How many schools had not more than <i>six</i> scholars?.....	None.
36.	How many schools had more than <i>six</i> and not more than <i>twelve</i> scholars?.....	None.

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37.	What amount was raised by town taxes for school purposes?.....	\$27,000 00
38.	What amount was raised by district taxes?....	0 00
39.	What amount was received from rent of lands?.....	150 96
40.	Amount received from other sources?.....	5,517 28
41.	What was the entire income for school purposes? (sum of answers to last four questions).....	32,668 24
42.	What was the amount paid for teachers' wages, including board, for the year?.....	20,079 02
43.	What was the cost of fuel for the year?.....	1,692 20
44.	What was the cost of repairs for the year?....	2,478 28
45.	What amount was paid for new buildings?....	0 00
46.	What amount was paid for incidentals? .....	5,398 47
47.	What amount was paid for new furniture?....	575 83
48.	What was the whole amount expended for school purposes? (sum of answers to last six questions).....	30,223 80
49.	Give the average wages, including board, per week, of male teachers?.....	18 00
50.	Give the average wages, including board, per week, of female teachers?.....	11 46
51.	How many different male teachers were employed?.....	5
52.	How many different female teachers were employed?.....	45
53.	How many teachers attended a Vermont Normal school?.....	6
54.	How many were graduates of a Vermont Normal school?.....	5
55.	How many visits were made by the Town Superintendent?.....	103



56.	How many visits were made by the Prudential Committee?.....	13
57.	How many school houses in town need no repairs?.....	
58.	What is the amount of income, if any, from <i>grammar</i> school lands in your town?.....	
59.	How is said income disposed of?.....	
60.	How many schools have a library?.....	
61.	How many volumes?.....	
62.	How many have books of reference?.....	All.
63.	How many have charts and globes?.....	All.
64.	Is there a public library in your town other than the school district library?.....	Yes.
65.	How many volumes?.....	24,954
66.	Is there a <i>free</i> public library in your town?....	Yes.
67.	How many volumes?.....	24,954
68.	What was the average rate per cent of district taxes for school purposes?.....	25%
69.	What was the average rate per cent where schools were taught 24 weeks?.....	25%
70.	What was the average rate per cent where schools were taught 30 or more weeks?.....	25%
71.	What is the lowest rate of district taxes?.....	25%
72.	What is the highest rate of district taxes?....	25%
73.	What is the estimated value of your school-houses?.....	\$81,000
74.	What is the amount of indebtedness of your school districts?.....	None.
75.	How much was paid on the indebtedness last year?.....	
76.	Does your town use the Town System?..... Special Charter, City System.	
77.	How many teachers have been retained two terms in the same school?.....	44

How many teachers have been retained three terms in the same school?.....	43
How many teachers have been retained four terms in the same school?.....	36
How many teachers have been retained five terms in the same school?.....	34
How many teachers have been retained six terms in the same school?.....	33
How many teachers have been retained seven terms in the same school?.....	30
How many teachers have been retained eight terms in the same school?.....	29
How many teachers have been retained nine terms in the same school?.....	25
State the longest time that one teacher has been employed in the same school?.....	*59
78. State the number of different pupils who studied the following branches :	
Reading.....	1754
Writing.....	1754
Spelling.....	1754
English Grammar.....	134
Geography.....	711
Civil Government.....	42
Arithmetic.....	1815
Drawing.....	1546
Physiology.....	1754
United States History.....	92
Vermont History.....	42
General History.....	22
Language Lessons.....	1070
Physical Geography.....	40
Map Drawing.....	711
Physics.....	16
Botany.....	143
*Miss Mary E. Wells, Principal of Grammar Schools.	

Geometry .....	41
English Literature .....	36
Geology .....	12
Astronomy .....	19
● Book-keeping .....	66
Algebra .....	175
Natural History .....	171
Rhetoric .....	41
Greek .....	34
Latin .....	145
French .....	58

79. State the number of "legal schools" sustained  
in your town since the first day of April, 1891 43

[Information derived from this question will be used by the State Treasurer in dividing the money derived from the 5 per cent State school tax. See Section 6, No. 6, Acts of 1890. A "legal school" is one taught for twenty-four weeks since April 1, 1891, by a teacher having a legal certificate, in which school a register has been kept and returned according to law. Each department of a school so taught is a "legal school." A fractional district should be counted by the town in which the school-house is situated.]

80. How many graded schools in your town..... 39

81. What is the amount of the Grand List of your  
town?.....\$106,716 11

82. What is the amount of the Grand List of the  
largest school district in your town?.....

83. What amount did your town pay into the State  
Treasury under the 5 per cent School Tax  
Law of 1890? ..... 5,385 31

84. What amount did your town receive from the  
State Treasurer under the 5 per cent State  
School Tax Law of 1890?..... 624 39

85. How much did you pay your Superintendent of  
Schools the last year? ..... 1,000 00

CHARLES E. ALLEN, City Clerk.

## THE SCHOOL CENSUS.

BURLINGTON, VT., May, 1892.

*To the Board of School Commissioners:*

GENTLEMEN: In compliance with the act of 1888, relating to public instruction, as amended in 1890, and in accordance with your request, I herewith present my fourth annual report of the school census which was taken in March last.

As this is the second census taken since the act of 1890, which extended the school age two years, viz: from 18 to 20, we are now, for the first time since 1878, able to compare results for the entire period named, and although we are limited to the reports of 1890 and 1891 for a comparison of the work accomplished for pupils between the ages of 18 and 20 years, a careful examination of the tables submitted will prove interesting and instructive.



SCHOOL DEPARTMENT.

Wards.	AGES.												AGES.				Total Number of Children.	Girls.	Boys.	AGES.				Total Number of Children.	Girls.	Boys.	Families with Children.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Years.	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	5-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	31-32	32-33	33-34	34-35	35-36	36-37	37-38	38-39	39-40	40-41	41-42	42-43	43-44	44-45	45-46	46-47	47-48	48-49	49-50	50-51	51-52	52-53	53-54	54-55	55-56	56-57	57-58	58-59	59-60	60-61	61-62	62-63	63-64	64-65	65-66	66-67	67-68	68-69	69-70	70-71	71-72	72-73	73-74	74-75	75-76	76-77	77-78	78-79	79-80	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88	88-89	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-100	100-101	101-102	102-103	103-104	104-105	105-106	106-107	107-108	108-109	109-110	110-111	111-112	112-113	113-114	114-115	115-116	116-117	117-118	118-119	119-120	120-121	121-122	122-123	123-124	124-125	125-126	126-127	127-128	128-129	129-130	130-131	131-132	132-133	133-134	134-135	135-136	136-137	137-138	138-139	139-140	140-141	141-142	142-143	143-144	144-145	145-146	146-147	147-148	148-149	149-150	150-151	151-152	152-153	153-154	154-155	155-156	156-157	157-158	158-159	159-160	160-161	161-162	162-163	163-164	164-165	165-166	166-167	167-168	168-169	169-170	170-171	171-172	172-173	173-174	174-175	175-176	176-177	177-178	178-179	179-180	180-181	181-182	182-183	183-184	184-185	185-186	186-187	187-188	188-189	189-190	190-191	191-192	192-193	193-194	194-195	195-196	196-197	197-198	198-199	199-200	200-201	201-202	202-203	203-204	204-205	205-206	206-207	207-208	208-209	209-210	210-211	211-212	212-213	213-214	214-215	215-216	216-217	217-218	218-219	219-220	220-221	221-222	222-223	223-224	224-225	225-226	226-227	227-228	228-229	229-230	230-231	231-232	232-233	233-234	234-235	235-236	236-237	237-238	238-239	239-240	240-241	241-242	242-243	243-244	244-245	245-246	246-247	247-248	248-249	249-250	250-251	251-252	252-253	253-254	254-255	255-256	256-257	257-258	258-259	259-260	260-261	261-262	262-263	263-264	264-265	265-266	266-267	267-268	268-269	269-270	270-271	271-272	272-273	273-274	274-275	275-276	276-277	277-278	278-279	279-280	280-281	281-282	282-283	283-284	284-285	285-286	286-287	287-288	288-289	289-290	290-291	291-292	292-293	293-294	294-295	295-296	296-297	297-298	298-299	299-300	300-301	301-302	302-303	303-304	304-305	305-306	306-307	307-308	308-309	309-310	310-311	311-312	312-313	313-314	314-315	315-316	316-317	317-318	318-319	319-320	320-321	321-322	322-323	323-324	324-325	325-326	326-327	327-328	328-329	329-330	330-331	331-332	332-333	333-334	334-335	335-336	336-337	337-338	338-339	339-340	340-341	341-342	342-343	343-344	344-345	345-346	346-347	347-348	348-349	349-350	350-351	351-352	352-353	353-354	354-355	355-356	356-357	357-358	358-359	359-360	360-361	361-362	362-363	363-364	364-365	365-366	366-367	367-368	368-369	369-370	370-371	371-372	372-373	373-374	374-375	375-376	376-377	377-378	378-379	379-380	380-381	381-382	382-383	383-384	384-385	385-386	386-387	387-388	388-389	389-390	390-391	391-392	392-393	393-394	394-395	395-396	396-397	397-398	398-399	399-400	400-401	401-402	402-403	403-404	404-405	405-406	406-407	407-408	408-409	409-410	410-411	411-412	412-413	413-414	414-415	415-416	416-417	417-418	418-419	419-420	420-421	421-422	422-423	423-424	424-425	425-426	426-427	427-428	428-429	429-430	430-431	431-432	432-433	433-434	434-435	435-436	436-437	437-438	438-439	439-440	440-441	441-442	442-443	443-444	444-445	445-446	446-447	447-448	448-449	449-450	450-451	451-452	452-453	453-454	454-455	455-456	456-457	457-458	458-459	459-460	460-461	461-462	462-463	463-464	464-465	465-466	466-467	467-468	468-469	469-470	470-471	471-472	472-473	473-474	474-475	475-476	476-477	477-478	478-479	479-480	480-481	481-482	482-483	483-484	484-485	485-486	486-487	487-488	488-489	489-490	490-491	491-492	492-493	493-494	494-495	495-496	496-497	497-498	498-499	499-500	500-501	501-502	502-503	503-504	504-505	505-506	506-507	507-508	508-509	509-510	510-511	511-512	512-513	513-514	514-515	515-516	516-517	517-518	518-519	519-520	520-521	521-522	522-523	523-524	524-525	525-526	526-527	527-528	528-529	529-530	530-531	531-532	532-533	533-534	534-535	535-536	536-537	537-538	538-539	539-540	540-541	541-542	542-543	543-544	544-545	545-546	546-547	547-548	548-549	549-550	550-551	551-552	552-553	553-554	554-555	555-556	556-557	557-558	558-559	559-560	560-561	561-562	562-563	563-564	564-565	565-566	566-567	567-568	568-569	569-570	570-571	571-572	572-573	573-574	574-575	575-576	576-577	577-578	578-579	579-580	580-581	581-582	582-583	583-584	584-585	585-586	586-587	587-588	588-589	589-590	590-591	591-592	592-593	593-594	594-595	595-596	596-597	597-598	598-599	599-600	600-601	601-602	602-603	603-604	604-605	605-606	606-607	607-608	608-609	609-610	610-611	611-612	612-613	613-614	614-615	615-616	616-617	617-618	618-619	619-620	620-621	621-622	622-623	623-624	624-625	625-626	626-627	627-628	628-629	629-630	630-631	631-632	632-633	633-634	634-635	635-636	636-637	637-638	638-639	639-640	640-641	641-642	642-643	643-644	644-645	645-646	646-647	647-648	648-649	649-650	650-651	651-652	652-653	653-654	654-655	655-656	656-657	657-658	658-659	659-660	660-661	661-662	662-663	663-664	664-665	665-666	666-667	667-668	668-669	669-670	670-671	671-672	672-673	673-674	674-675	675-676	676-677	677-678	678-679	679-680	680-681	681-682	682-683	683-684	684-685	685-686	686-687	687-688	688-689	689-690	690-691	691-692	692-693	693-694	694-695	695-696	696-697	697-698	698-699	699-700	700-701	701-702	702-703	703-704	704-705	705-706	706-707	707-708	708-709	709-710	710-711	711-712	712-713	713-714	714-715	715-716	716-717	717-718	718-719	719-720	720-721	721-722	722-723	723-724	724-725	725-726	726-727	727-728	728-729	729-730	730-731	731-732	732-733	733-734	734-735	735-736	736-737	737-738	738-739	739-740	740-741	741-742	742-743	743-744	744-745	745-746	746-747	747-748	748-749	749-750	750-751	751-752	752-753	753-754	754-755	755-756	756-757	757-758	758-759	759-760	760-761	761-762	762-763	763-764	764-765	765-766	766-767	767-768	768-769	769-770	770-771	771-772	772-773	773-774	774-775	775-776	776-777	777-778	778-779	779-780	780-781	781-782	782-783	783-784	784-785	785-786	786-787	787-788	788-789	789-790	790-791	791-792	792-793	793-794	794-795	795-796	796-797	797-798	798-799	799-800	800-801	801-802	802-803	803-804	804-805	805-806	806-807	807-808	808-809	809-810	810-811	811-812	812-813	813-814	814-815	815-816	816-817	817-818	818-819	819-820	820-821	821-822	822-823	823-824	824-825	825-826	826-827	827-828	828-829	829-830	830-831	831-832	832-833	833-834	834-835	835-836	836-837	837-838	838-839	839-840	840-841	841-842	842-843	843-844	844-845	845-846	846-847	847-848	848-849	849-850	850-851	851-852	852-853	853-854	854-855	855-856	856-857	857-858	858-859	859-860	860-861	861-862	862-863	863-864	864-865	865-866	866-867	867-868	868-869	869-870	870-871	871-872	872-873	873-874	874-875	875-876	876-877	877-878	878-879	879-880	880-881	881-882	882-883	883-884	884-885	885-886	886-887	887-888	888-889	889-890	890-891	891-892	892-893	893-894	894-895	895-896	896-897	897-898	898-899	899-900	900-901	901-902	902-903	903-904	904-905	905-906	906-907	907-908	908-909	909-910	910-911	911-912	912-913	913-914	914-915	915-916	916-917	917-918	918-919	919-920	920-921	921-922	922-923	923-924	924-925	925-926	926-927	927-928	928-929	929-930	930-931	931-932	932-933	933-934	934-935	935-936	936-937	937-938	938-939	939-940	940-941	941-942	942-943	943-944	944-945	945-946	946-947	947-948	948-949	949-950	950-951	951-952	952-953	953-954	954-955	955-956	956-957	957-958	958-959	959-960	960-961	961-962	962-963	963-964	964-965	965-966	966-967	967-968	968-969	969-970	970-971	971-972	972-973	973-974	974-975	975-976	976-977	977-978	978-979	979-980	980-981	981-982	982-983	983-984	984-985	985-986	986-987	987-988	988-989	989-990	990-991	991-992	992-993	993-994	994-995	995-996	996-997	997-998	998-999	999-1000	1000-1001	1001-1002	1002-1003	1003-1004	1004-1005	1005-1006	1006-1007	1007-1008	1008-1009	1009-1010	1010-1011	1011-1012	1012-1013	1013-1014	1014-1015	1015-1016	1016-1017	1017-1018	1018-1019	1019-1020	1020-1021	1021-1022	1022-1023	1023-1024	1024-1025	1025-1026	1026-1027	1027-1028	1028-1029	1029-1030	1030-1031	1031-1032	1032-1033</

TABLE No. 2.

Wards.	Years.	No. of Children 5 to 8 Years.	No. who cannot read or write.	Per cent.	No. of Children 8 to 15 Years.	No. who cannot read or write.	Per cent.	No. of Children 16 to 18 Years.	No. who cannot read or write.	Per cent.	Total number Children 5 to 18.	No. who cannot read or write.	Per cent.	No. of Children 18 to 20 Years.	No. who cannot read or write.	Per cent.	Total number Children 5 to 20.	No. who cannot read or write.	Per cent.
First	{ 1889	45	8	18	147	2	1	260	2	4 $\frac{1}{2}$	305	10	3	70	1	1	366	28	7
	{ 1891	65	24	37	127	2	1	231	13	1 $\frac{3}{8}$	296	27	9	57	2	3	312	32	11
	{ 1892	62	17	27	119	6	5	196	13	6	255	30	11						
Second	{ 1889	225	145	64	439	34	8	624	37	6	849	182	21						
	{ 1891	261	133	50	517	24	5	730	39	5	991	172	17	105	12	11	1,096	184	16
	{ 1892	253	144	57	547	17	3	754	22	3	1,005	166	16	103	3	3	1,110	169	15
Third	{ 1889	231	170	73	534	40	7	736	43	6	967	213	22	163	9	5	1,322	179	13
	{ 1891	290	133	45	626	29	4	871	37	4	1,161	170	15	130	6	5	1,404	231	16
	{ 1892	321	180	55	674	40	5	953	45	4	1,274	225	17						
Fourth	{ 1889	106	13	12	260	2	1	379	3	1 $\frac{3}{8}$	485	16	3	46			457	39	8
	{ 1891	100	37	37	318	2	1	311	2	1	411	39	9	48			485	33	6
	{ 1892	112	29	26	235	2	1	325	4	1	437	33	7						
Fifth	{ 1889	172	65	38	404	39	9	566	49	9	738	114	15	84	4	5	823	103	12
	{ 1891	180	73	40	413	22	5	559	26	5	739	99	13	81	3	4	815	93	11
	{ 1892	184	61	33	415	27	6	550	29	5	734	90	12						
Total	{ 1889	779	401	51	1,784	117	6	2,565	134	5	3,344	535	16	468	26	5	4,064	533	13
	{ 1891	896	400	44	1,901	83	4	2,702	107	3	3,598	507	14	419	14	3	4,126	558	11
	{ 1892	932	431	46	1,990	92	4	2,775	113	4	3,707	544	14						

## COMPARATIVE TABLE.

Number of children in public schools	1889	1890	1891	1892
Number of children in parochial schools	1,414	1,740	1,769	1,875
Number of children in private schools	1,066	1,322	1,380	950
Number of children not found in any school	187	148	143	288
	667	461	306	594
Totals from 5 to 18 years	3,344	3,671	3,598	3,707

Table No. 1, which gives the number of children of school age by age, sex and wards, shows a gain over last year of 48 families with children, and of 62 children, 46 of whom were boys. This increase in the number of children appears to be confined to the ages of from 5 to 17, and is about 9 per cent. For the period between 17 and 20 years, the percentage of decrease in the number is the same, a fact doubtless largely due to the greater opportunities offered to persons of this age for employment in the large manufacturing districts. But we may reasonably hope that with additional inducements to remain here, anticipated in the future, there will be an improvement in this respect. Wards 2, 3 and 4 show a gain in the number of children. Ward 5 remains practically the same as last year, and Ward 1 shows a loss of eight per cent, a loss confined, as will be noted, to those above the age of 14, more than half of whom were boys. The net gain in the number of children between the ages of 5 and 18 in all the wards since 1890 is 36. Since 1891, it has been 109. In this connection it is an encouraging fact to know that the public school attendance was never so large as now. In 1890 there were 1414 pupils enrolled in the public schools. This year (1892) the number reported is 1875 a gain of 461, which is an increase of over seven per cent in three years. The great interest manifested by the board in the new school building on Pine Street, to be completed in another year, will therefore be appreciated, and especially by those immediately interested in the additional school accommodation, in that portion of the city.

The parochial schools report an enrollment of 950, and 288 attend the private schools. This leaves 594 not found in any school. A number which will doubtless be considered too large,

and yet if it is noticed that there are 1204 persons between the ages of 15 and 20 years, a period when many of our young people feel it necessary to engage in some employment, either for the support of themselves or others, and therefore are prevented from attendance upon the day schools, this number of non-attendants does not appear excessive.

Table No. 2 shows the percentage of illiteracy in the several wards, as well as in the entire city, in the different periods of school age. The percentage of the first period, from 5 to 8 years, remains about the same as last year, and is not large when we remember that this covers the time when the education of the child is commenced. In the second period, from 8 to 15 years, the percentage falls this year from 46 in the first period, to 4, which is that of last year. There is a gratifying gain over last year of two per cent between the ages of 18 and 20, only 14 of the 419 persons between those ages being unable to read and write.

Last year the percentage of illiteracy, for the entire school age, was 13. This year it is 11. But while a gain of two per cent, in this most important point, is encouraging, the work must not be relaxed, and every reasonable inducement should be offered and advantage provided, by the school board, designed especially to reach those persons over 14 years of age, the limit of compulsory attendance, who cannot read or write.

On the whole, the tables show that progress in the education of our children is being made. Certainly more was never accomplished in school work in our city, than during the year past. The census tables of each year should be carefully studied in order that the weak spots may be discovered and strengthened, and the stronger points vigorously maintained.

Respectfully,

CHARLES E. ALLEN.



This year, as in preceding years, in order to make his report as valuable to the city as possible, Mr. Allen went beyond the strict requirements in regard to the actual census, and bestowed a great amount of gratuitous labor in collecting, arranging and comparing the facts disclosed.

The information contained in the report is interesting and important, and the city is under great obligation to Mr. Allen for the ability and pains-taking industry which he brought to the task devolving upon him.

Comments and comparisons upon the chief points of interest in the census, are made in the report and they do not require repetition here.

The results brought out by this report are creditable to the city, and are worthy of careful consideration.

#### TRUANCY.

Closely connected with some of the facts brought out by the school census, is the effect of the law authorizing the appointment of a truant officer for this city. What was said in my last report in regard to the operation of this law can with increased emphasis be repeated in this report.

The enforcement of the law has been attended with less friction and difficulty, both in cases of parents and children and also in those of employers and employees, than we anticipated.

There has been a general acquiescence on the part of all concerned—except perhaps an occasional scurrying truant—in the propriety of the law, and in the desirability of its strict enforcement.

The total number of scholars reported as attending the

Public Schools during the years ending in June 1890, 1891 and 1892, was as follows, viz :

Year ending June 1890,	1740
Year ending June 1891,	1841
Year ending June 1892,	2017
or an increase, during the three years, of	277

A considerable part of this increase is undoubtedly due to the existence and efforts of a truant officer.

Mr. Michael Murphy, Jr., the present officer, has discharged the duties of his office very satisfactorily. He has been vigilant and faithful, firm and discreet. Although it has not been necessary to carry any cases into court, yet the law has been so well executed that persistent, habitual truancy has been suppressed.

#### MEMORIAL DAY.

For three years, beginning with May 1890, the scholars in the public schools have participated in the public observance of Memorial Day. In some of the schools, appropriate and impressive exercises have been held. In others, the teachers and scholars have rendered great assistance to the Grand Army Post by procuring and preparing flowers for the decoration of soldiers' graves, and the boys from all the schools above Primary grade, and some even from that grade, have organized, and have marched in the parade usually attending the public exercises of the day.

The appearance of the marching companies of school boys, with their banners and flags has been very creditable, and the part which the schools have taken in these different ways, has added greatly to the general interest in the observance of the day. The lesson of patriotism thus taught to

the scholars will be of great value, and I know of no other way of keeping alive the true spirit and significance of the day so effectually.

## COLUMBUS DAY.

Pursuant to the Proclamations of the President of the United States, and of the Governor of this State, Oct. 21, 1892, was observed by our public schools, as "Columbus Day."

These proclamations and the "official programme" are given below :

## STATE OF VERMONT.

By LEVI K. FULLER, Governor.

## A PROCLAMATION.

In accordance with the Joint Resolution of the Senate and House of Representatives of the United States of America, the President of the United States, by proclamation, has appointed Friday, October the 21st, 1892, the four hundredth anniversary of the discovery of America by Columbus, as a General Holiday for the people of the United States.

Now, therefore, I, Levi K. Fuller, Governor of the State of Vermont, do recommend that Friday, the Twenty-First Day of October, in the year of our Lord one thousand, eight hundred and ninety-two, be observed as Columbus Day by all the schools of the State, and that the people, so far as possible, join in such exercises as may express honor to the name of Columbus, and appreciation of the blessings that have come to us through his great discovery, and thus enkindle the patriotic emotions of the rising generations.

It is fitting that we should remember in the exercises of the day the kind Providence that has watched over the destinies of the Nation.

Given under my hand and the seal of the State, at Montpelier, this seventh day of October, in the year of our Lord one thousand eight hundred and ninety-two, and of the Independence of the United States, the one hundred and seventeenth.

LEVI K. FULLER.

*By the Governor :*



J. H. GOULDING.

*Secretary of Civil and Military Affairs.*

*“Celebrentur processiones, peraguntur solemnia sacra, festaque fronde velentur delubra.*

*From the Latin Letter of 1493 in which Columbus announced his Discovery to Europe.*

OFFICIAL PROGRAM.—THE NATIONAL PUBLIC SCHOOL CELEBRATION OF COLUMBUS DAY, OCTOBER 21, 1892.

In obedience to an Act of Congress, the President, on July 21, issued a Proclamation recommending that October 21, the 400th Anniversary of the Discovery of America, be celebrated everywhere in America by suitable exercises in the schools.

A uniform Program for every school in America, to be used on Columbus Day, simultaneously with the dedicatory exercises of the World's Columbian Exposition grounds in Chicago, will give an impressive unity to the popular celebration. Accordingly, when the Superintendents of Education, last February, accepted *The Youth's Companion's* plan for this national Public School celebration, they instructed their

Executive Committee to prepare an Official Program of exercises for the day, uniform for every school.

This Committee submit to the Schools of America the following Program.

FRANCIS BELLAMY,

*Chairman, representing The Youth's Companion, Boston, Mass.*

JOHN W. DICKINSON,

*Secretary of the Massachusetts Board of Education.*

THOMAS B. STOCKWELL,

*Commissioner of Rhode Island Public Schools.*

W. R. GARRETT,

*Superintendent of Public Instruction of Tennessee.*

FERRIS S. FITCH,

*Superintendent of Public Instruction of Michigan.*

The schools should assemble at 9 A. M., in their various rooms. At 9.30 the detail of Veterans is expected to arrive. It is to be met at the entrance of the yard by the Color-Guard of pupils, escorted with dignity to the building, and presented to the Principal. The Principal then gives the signal, and the several teachers conduct their pupils to the yard, to drum-beat or other music, and arrange them in hollow square about the Flag, the Veterans and Color-Guard taking places by the Flag itself. The Master of Ceremonies then gives the command, "Attention !" and begins the exercises by reading the Proclamation.

1. Reading of the President's Proclamation, by the Master of Ceremonies.

#### THE PROCLAMATION.

WHEREAS by a joint resolution approved June 29, 1892, it was resolved by the Senate and House of Representatives



of the United States of America in Congress assembled, "That the President of the United States be authorized and directed to issue a proclamation recommending to the people the observance in all their localities of the 400th anniversary of the discovery of America, on October 21, 1892, by public demonstrations and by suitable exercises in their schools and other places of assembly";

Now therefore, I, Benjamin Harrison, President of the United States of America, in pursuance of the aforesaid joint resolution, do hereby appoint Friday, October 21, 1892, the four hundredth anniversary of the discovery of America by Columbus, as a general holiday for the people of the United States. On that day let the people, so far as possible, cease from toil and devote themselves to such exercises as may best express honor to the discoverer, and their appreciation of the great achievements of the four completed centuries of American life.

Columbus stood in his age as the pioneer of progress and enlightenment. The system of universal education is in our age the most prominent and salutary feature of the spirit of enlightenment, and it is peculiarly appropriate that the schools be made by the people the centre of the day's demonstration. Let the national flag float over every schoolhouse in the country and the exercises be such as shall impress upon our youth the patriotic duties of American citizenship.

In the churches and in the other places of assembly of the people let there be expressions of gratitude to Divine Providence for the devout faith of the discoverer and for the Divine care and guidance which has directed our history and so abundantly blessed our people.

In testimony whereof I have hereunto set my hand and caused the seal of the United States to be affixed.

Done at the city of Washington this 21st day of July, in the year of our Lord one thousand eight hundred and ninety-two, and of the independence of the United States the one hundred and seventeenth.

By the President :

BENJ. HARRISON.

JOHN W. FOSTER, *Secretary of State.*

At the close of the reading the Master of Ceremonies announces : "In accordance with this recommendation by the President of the United States, and as a sign of our devotion to our country, let the Flag of the Nation be unfurled above this School."

2. Raising of the Flag, by the Veterans.

As the Flag reaches the top of the staff the Veterans will lead the assemblage in, "Three Cheers for 'Old Glory.'"

3. Salute to the Flag, by the Pupils.

At a signal from the Principal the pupils, in ordered ranks, hands to the side, face the Flag. Another signal is given ; every pupil gives the Flag the military salute—right hand lifted, palm downward, to a line with the forehead and close to it. Standing thus, all repeat together, slowly : "I pledge allegiance to my Flag and the Republic for which it stands : one Nation indivisible, with Liberty and Justice for all." At the words, "to my Flag," the right hand is extended gracefully, palm upward, towards the Flag, and remains in this gesture till the end of the affirmation ; whereupon all hands immediately drop to the side. Then, still standing, as the instruments strike a chord, all will sing AMERICA.—"My Country, 'tis of thee."

4. Acknowledgment of God. Prayer or Scripture.

5. Song of Columbus Day, by Pupils and Audience.

(Composed for the National School Celebration of Columbus Day by Theron Brown.)

6. The Address. "The Meaning of the Four Centuries."

(A Declamation of the Special Address prepared for the occasion by **THE YOUTH'S COMPANION**.)

7. The Ode. "Columbia's Banner."

(A Reading of the Poem written for the occasion by Edna Dean Proctor.)

This programme, with such modifications as the grade or other peculiar circumstances made advisable, was substantially carried out in all our schools.

Veterans of the late war, and other citizens, were present in the different schools and assisted in the exercises.

In the afternoon, a great procession rarely if ever equalled here in extent, variety, and in representative character, was formed, in which the boys of the Public Schools had a prominent place. The celebration was highly successful in all respects and the day was a memorable one. And while the event which was celebrated awakened a deep interest in all our citizens, and called forth many hearty expressions, upon none was a better or more lasting impression made than upon the pupils in the Public Schools.

### SCHOOL PROPERTY.

Very little in the way of general repairs upon school property was done last year. The needs of the High School required another recitation room, and the south part of the upper hall was divided, thus making two out of the one room.

During the summer vacation the North Avenue building was newly shingled, and received other slight repairs of a general character.

When it was decided to proceed with the construction of the new Pine Street building, it became necessary to provide temporary quarters for the Pine Street Schools.

This was accomplished by removing the veneer brick walls from the old building, sheathing the frame with matched boarding, and then moving the building directly back to the west part of the school lot near Champlain street. This work was very satisfactorily performed by Mr. A. J. Hathaway.

As the cold weather came on the board sheathing was covered with tarred paper. And although the season has been unusually severe, the school rooms, with some extra care, have been kept very comfortable.

This brief statement covers all the incidental work in this line which deserves to be mentioned.

The attention of the School Board has been directed chiefly to the new school building, and that having received a new name, the Pine Street School building, as such, passes out of existence, and is succeeded by the very different

### CONVERSE SCHOOL.

For many years the need of a new school building in the Pine Street District has been a familiar theme in these annual reports. Last year I had the pleasure of announcing that the City had purchased of Mr. F. W. Cole, the lot on the corner of Pine and Cherry streets, adjoining the school lot, and that the project of erecting a new school building on this enlarged school lot was well under way. I am very happy now to report further progress.

The Board of School Commissioners, by advertisement, invited architects to submit competitive preliminary sketches for an eight room school building, and we received sixty-one designs from fifty-two architects or firms. These designs came from the leading cities and towns in the country, and from many well known architects of high reputation.

After very careful examination and consideration of the sketches submitted, that of Messrs. Kramer and Zoll, of Findlay, O., was adopted. The City Council promptly and with hearty unanimity, provided the funds for the purchase of the lot from Mr. Cole, and for the construction of the building.

The examination of plans, investigation of different systems of warming and ventilating, and the calling for bids for construction, consumed considerable time, and the contract was not let until early in July. Several bids for construction were received, but that of Mr. Willard Ducomb, of Findlay, O., being much the lowest, the contract was awarded to him. Mr. Ducomb promptly began work upon the building, breaking ground about the middle of July. Mr. Rodney Roby was employed as superintendent of construction on the part of the city. We hoped that the building would be fully enclosed last season, but delays in procuring material and help occurred, and the construction only reached the attic flooring, when, about December 1st, the cold weather came on and prevented the further successful progress of the work. The building was closed and work on it was suspended till next spring.

The next annual report, I trust, will contain a full description of the completed building. It will be a solid, substantial, and, we think, handsome structure, and while it



may seem too early to judge of a plan before it has been actually tested, we confidently expect this to be acceptable and satisfactory.

The Board of School Commissioners have given the matter very close attention, and have labored very assiduously and earnestly to produce a building which shall be a credit to the city, and have at all times and in all ways, sought to accomplish this with sole reference to the best interests of the city. At a special meeting of the Board held October 29, 1892, the new building was named the

### CONVERSE SCHOOL.

“in memory of Rev. J. K. Converse, for many years the principal of the Burlington Female Seminary, and a strong and consistent friend of the Public Schools in Burlington, and an active member of their management, both as Superintendent and member of Prudential Committees.”

### TEACHERS.

The Educational Institutions represented by our teachers, either as graduates or as partial course students, are as follows, viz :

The University of Vermont and State Agricultural College	8
Wellesley College.....	2
Burlington High School .....	9
Johnson, Vermont State Normal School.....	5
New Hampton Institute .....	1
Mrs. Worcester's Seminary.....	1
Oswego, N. Y., State Normal School.....	12
Albany, N. Y., State Normal School .....	1
Brockport, N. Y., State Normal School ...	1
Salem, Mass., State Normal School.....	1

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Worcester, Mass., State Normal School .....	1
Mt. Holyoke, Mass., Seminary .....	1
Roxbury, Mass., High School .....	1
St. Albans, Vt., High School .....	1
Mooers, N. Y., High School .....	1

A glance at the foregoing list of institutions will indicate the training which our teachers have received.

While training alone will not make good teachers, it is a very important help, and usually a condition of good teaching. Most of our teachers have had exceptionally good advantages in this respect.

Add to this educational training continued study of the subjects which they are to teach, and of the methods which they are to employ, with experience in giving instruction and in managing pupils, and the resultant is a body of superior teachers.

### SCHOOL SAVINGS.

Early in the year, the Board of School Commissioners authorized the introduction of the School Savings System into our schools. Mr. H. L. Ward, the treasurer of the Burlington Trust Company, had been investigating the subject for some time with great interest, and his offer of that institution as the depository for the school savings, was accepted. Mr. Ward prepared suitable blanks and books for use in the schools, without expense to the School Department.

Circulars, explaining the objects and methods of the system, were issued and distributed among the scholars and their parents, and all the schools, except the High School and the two evening schools, entered into the arrangement. Our experience has been similar to that of other places which have adopted the system.

It has met with very general favor on the part of our citizens, the pupils have been greatly interested in it, and the teachers have willingly performed the added work. A practical lesson in economy and thrift has been successfully taught, and the beginning of future competence has undoubtedly been made in many cases.

The system followed is very simple, and little difficulty has been experienced in carrying on the business.

Monday morning of each week has been selected as the time for taking the collections. Each school sends its collection, by its own pupil messenger to the bank, and receives credit as a school, for whatever sum may be deposited. The teachers keep individual accounts with all the pupils making deposits, and also school accounts with the bank, for their respective schools. When a pupil has deposited one dollar or more, he can receive from the bank an individual bank book with a credit for one dollar, or any multiple of a dollar which his account entitles him to, and whenever his deposits amount to a dollar that sum may be taken from the general school account and may be transferred to his own individual bank book. The pupils and their parents retain control of their deposits at all times, and while we advise and encourage the pupils to allow the deposits to remain undisturbed and to accumulate, they are at liberty to withdraw them at any time.

Thus far we have observed no unpleasant or unfavorable consequences, and the effects seem to be good upon all concerned.

A summary of the results as shown by the Bank accounts, covering the period from February 29, 1892, to January 1, 1893, is given below.

System went into effect February 29, 1892.

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Amount of first deposit.....	\$60 26
Largest weekly deposit.....	96 69
Smallest weekly deposit.....	8 41
Average weekly deposit.....	46 98
Total deposited.....	\$1,409 47
Balance remaining to credit of pupils on their individual books.....	1,198 03
Amount withdrawn from pupils' books.....	100 75
Number of pupils' accounts opened.....	386
Number of pupils' accounts closed.....	24
Average amount per book remaining.....	3 30

### FLETCHER FREE LIBRARY.

The library continues to be an increasingly important part of our educational system. The method of circulating books in the schools, described in a former report, is still followed, and each school has thus virtually become a branch of the central Library.

The cultivation of a taste for good reading among the young has increased the demand for good books, and the Library is constantly meeting this demand by the purchase of the best new books adapted to this class of readers.

I wish to express, on the part of the schools, hearty appreciation of the uniform courtesy and kindness of the librarian, Miss Hagar, and of her assistant, Miss Moore, in dealing with the teachers and scholars. The assistance which they have rendered the schools cannot be lightly estimated.

Four years ago, my report contained a list of books then circulated in the schools. Since that list was published, the number of such books in the Library has been largely increased, especially in Biographical, Historical and Scientific departments.

In the Appendix to this report will be found the revised list of books now circulating in the schools, under the special arrangement with the Library.

In addition to the books contained in this list, a large number of illustrated books, volumes of history, American Statesmen series, works on education, and those containing selections in prose and poetry, are taken out by the teachers, for a limited period only, for use in school work.

But this does not indicate the extent to which the Library reaches and benefits the schools, for many of the scholars, especially from the higher grades, are frequent visitors to the Library, taking out books on their individual accounts. This is often done at the suggestion of the teachers in connection with topics which are being considered in the schools. In all these ways the Library is directly helpful to the schools.

### GIFTS TO THE HIGH SCHOOL LIBRARY.

Special acknowledgments are due and gratefully given to Charles E. Allen for one volume Preble's "History of the American Flag and Other National Flags"—Illustrated; Theodore S. Peck for one volume Infantry—Drill Regulations; one volume, Small Arms—Firing Regulations; one volume, United States Army Regulations, and to William L. Greenleaf for one volume, "Vermont Centennial and Dedication of the Bennington Battle Monument." These volumes form a valuable addition to the reference and general library of the High School.

### CONCLUSION.

In general, the work of the schools has gone pleasantly and steadily forward. The condition of the schools is very



similar to that of one year ago. Few changes have occurred among the teachers, and only slight modifications have been made in the course of study.

The members of the Board of School Commissioners have labored in harmony and with singleness of purpose to make the schools accomplish their legitimate objects. In their behalf I present the record of the year, and commend all the interests of the school department to your favorable consideration.

To all who have rendered assistance in the work of the past year, I wish to express my hearty thanks.

Respectfully submitted,

HENRY O. WHEELER,  
Superintendent.

January, 1893.

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## LIST OF BOOKS DRAWN FROM THE

FLETCHER FREE LIBRARY

AND CIRCULATED IN THE PUBLIC SCHOOLS DURING THE YEAR 1892.

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### ROLLO BOOKS, INCLUDING

Rollo on the Atlantic.  
Rollo in Paris.  
Rollo in Switzerland.  
Rollo in London.  
Rollo in Scotland.  
Rollo in Geneva.  
Rollo in Holland.  
Rollo in Naples.

Rollo in Rome.  
Rollo on the Rhine.  
Rollo's Experiments.  
Rollo's Philosophy.  
Rollo's Vacation.  
August and Elvie.  
Hunter and Tom.  
Jonas on a Farm.  
Schooner Mary Ann.

## WALTER BOOKS, INCLUDING

Walter in Egypt.	Walter in Damascus.
Walter in Jerusalem.	Walter in Constantinople.
Walter in Samaria.	Walter in Athens.

## LUCY BOOKS, INCLUDING

Lucy in the Mountains.	Lucy at Play.
Lucy at the Sea Shore.	Lucy's Conversations.
Lucy at Study.	Lucy's Stories.

## OUR TRAVELLING PARTY BOOKS, INCLUDING

Our Travelling Party in Ireland.	Our Travelling Party from Baltic to Vesuvius.
Our Traveling Party in Scotland and England.	Our Traveling Party in The Alps and on the Rhine.
Our Travelling Party in Paris and Amsterdam.	

## BOY TRAVELLERS' SERIES, INCLUDING

Boy Travellers in Japan and China.	Boy Travellers in Africa.
Boy Travellers in Siam and Java.	Boy Travellers in South America.
Boy Travellers in Ceylon and India.	Boy Travellers in Russian Empire.
Boy Travellers in Egypt and Palestine.	Boy Travellers on the Congo.
Boy Travellers in Australasia.	Boy Travellers in Mexico.
Boy Travellers in Great Britain.	Boy Travellers in Northern Europe.
Boy Travellers in Central Europe.	Young Nimrods in North America.
	Young Nimrods Around the World.

## SPECTACLES FOR YOUNG EYES SERIES.

Spectacles, Boston.	Spectacles, Pekin.
Spectacles, New York.	Spectacles, Rome.
Spectacles, Berlin.	Spectacles, St. Petersburg.
Spectacles, Moscow.	Spectacles, Zurich.

## PICTURES DRAWN WITH PEN AND PENCIL, SERIES.

Sea Pictures drawn with Pen and Pencil.	Australian Pictures drawn with Pen and Pencil.
American Pictures drawn with Pen and Pencil.	Holland Pictures drawn with Pen and Pencil.
English Pictures drawn with Pen and Pencil.	Spanish Pictures drawn with Pen and Pencil.
Canadian Pictures drawn with Pen and Pencil.	Indian Pictures drawn with Pen and Pencil.
French Pictures drawn with Pen and Pencil.	Palestine Pictures drawn with Pen and Pencil.
Irish Pictures drawn with Pen and Pencil.	Bible Lands Pictures drawn with Pen and Pencil.
German Fatherland Pictures drawn with Pen and Pencil.	Italian Pictures drawn with Pen and Pencil.
Scottish Pictures drawn with Pen and Pencil.	Land of Pharoah Pictures drawn with Pen and Pencil.
Norwegian Pictures drawn with Pen and Pencil.	Picturesque Washington drawn with Pen and Pencil.
Swiss Pictures drawn with Pen and Pencil.	United States Pictures drawn with Pen and Pencil.
Russian Pictures drawn with Pen and Pencil.	Greek Pictures drawn with Pen and Pencil.
London Pictures drawn with Pen and Pencil.	Our Own Country (England), 6 volumes.

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The Countries of the World, Great Cities of the Modern  
6 volumes. World.

## DU CHAILLU SERIES.

My Apingi Kingdom, Du Stories of the Gorilla Coun-  
Chaillu. try, Du Chaillu.  
Country of Dwarfs, Du Chaillu. Wild Life under the Equator,  
Lost in the Jungle, Du Chaillu. Du Chaillu.

## VASSAR GIRLS, SERIES.

Three Vassar Girls Abroad. Three Vassar Girls in Italy.  
Three Vassar Girls on the Three Vassar Girls in South  
Rhine. America.  
Three Vassar Girls in Russia Three Vassar Girls at Home.  
and Turkey. Three Vassar Girls in France.  
Three Vassar Girls in the Three Vassar Girls in Switz-  
Tyrol. erland.  
Three Vassar Girls in Eng- Three Vassar Girls in the  
land. Holy Land.

## KNOCKABOUT SERIES.

Knockabout Club in the woods. Knockabout Club Along-  
Knockabout Club in the Trop- shore.  
ics. Knockabout Club in the  
Knockabout Club in the An- Everglades.  
tilles. Knockabout Club in Spain.  
Knockabout Club in North Knockabout Club on the  
Africa. Spanish Main.  
Knockabout Club in search of  
Treasure.

## ZIGZAG SERIES.

Zigzag Journeys in the Sunny South.	Zigzag Journeys in Acadia.
Zigzag Journeys in the Levant.	Zigzag Journeys in Europe.
Zigzag Journeys in India.	Zigzag Journeys in the Orient.
Zigzag Journeys in Northern Lands.	Zigzag Journeys in the Occident.
Zigzag Journeys in the Antipodes.	Zigzag Journeys in the British Isles.
Zigzag Journeys in the Northwest.	Zigzag Journeys in Australia.
Zigzag Journeys on the Mississippi.	Zigzag Journeys in Classic Lands.

## FAMILY FLIGHT SERIES.

A Family Flight through Spain.	A Family Flight through France, Germany, Switzerland.
A Family Flight through Egypt and Syria.	
A Family Flight in Mexico.	A Family Flight Around Home.

## TRAVELS.

Ingersoll, Knocking Around the Rockies.	Nordhoff, California.
Schwatka, Search in Arctic Regions.	Two Summers in Greenland.
Great African Travellers.	Schwatka, Hunting Adventures in Arctic Regions.
Round the World by a Boy.	The Golden West.
Bodleys in Holland.	Out and About to the Pacific.
English Bodley Family.	World and its People.
Sunny Spain.	Wonderful City of Tokio.
Explorations of the Nile.	Our Boys in China.
	Book of Explorers.



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The Eastern Wonderland.	Through Africa.
Peeps into China.	Round About-Rambles.
Chats about Germany.	Jimmy's Cruise in Pinafore.
Around and about Old England.	At the Back of the North
Rambles round France.	Wind.
Up Hill and Down Dale.	Rambles round London
Under the Earth.	Town.
The Isles of the Pacific.	Glimpses of South America.
The Land of Temples.	Little People of Asia.
Up the Nile.	Land of the Pyramids.
Tales of Old Travel.	Nellie Marlow in Washing-
Andes and Amazon.	ton.
All Aboard for the Lakes and	Boys at Chequasset.
Mountains.	Picturesque Journeys in
Children of All Nations.	America.

## BALLANTYNE'S MISCELLANY, INCLUDING

Fighting the Whales.	Saved by the Life Boat.
Away in the Wilderness.	The Cannibal Islands.
Fast in the Ice	Hunting the Lion.
Chasing the Sun.	Digging for Gold.
Sunk at Sea.	Up in the Clouds.
Lost in the Forest.	The Battle and the Breeze.
Over the Rocky Mountains.	The Pioneers.

## HISTORICAL.

Carpenter's History of Ver-	Conant's History of Vermont.
mont.	Hall's " "
Heaton's History of Vermont.	Robinson's " "
Thompson's " "	William's " "

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History of the U. S.,	Pierson.	Boys of '61.
History of England,	"	History of the War for the
History of France,	"	Union.
History of Germany,	"	History of the Civil War.
History of Ireland,	"	Strange Stories from History.
History of Russia,	"	Fourth of July in New Eng-
History of Japan,	"	land.
Story of Liberty,	Coffin.	Stories of the Old Dominion.
Old Times in the Colonies,	"	True Stories from History
Building of the Nation,	"	and Biography.
Boys of '76.	"	True Stories from American
Sailor Boys of 1812, '61, 2 vols.		History.
Blue Jackets of '76, 1812, '61,		First Book of American
3 vols.		History.
History of Our Country.		American History Stories,
Pilgrims and Puritans.		4 volumes.
From Colony to Commonwealth.		The French War.
The American Revolution.		Blue Jackets, 1812.
The War of 1812.		The War With Mexico.
Battles of America.		History of the United States
Critical Period of American		and its People.
History.		Bryant and Gay's History of
Stories of Massachusetts		United States, 4 volumes.
Child's History of United		Around the Hub.
States, 3 volumes.		Boys of '61.
Daring Deeds of the Revolu-		Noble Deeds of our Fore-
tion.		fathers.
Stories of the Old Dominion.		Camp Fires of the Revolu-
Little Pilgrims at Plymouth.		tion.
Colonial Days.		My Days and Nights on the
Following the Flag.		Battlefield.

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Stories of American Progress.	Drum-beat of the Nation.
Child's History of Greece.	Child's History of Rome.

## BIOGRAPHICAL.

Lives of the Presidents of the United States.	Peter Stuyvesant.
Our Hero, Gen. U. S. Grant.	Daniel Boone.
Life of Franklin.	Greek Hero Stories.
Alfred the Great.	Napoleon Bonaparte.
Louis XIV.	Magellan.
American Explorers.	Pizarro.
Famous Americans.	Men of our Times.
Famous American Authors.	Famous English Authors.
Benjamin Franklin.	William Penn.
Andrew Jackson.	Gen. Marion.
Christopher Columbus, 3 different lives.	Washington, 6 different biographies.
Marco Polo.	Ferdinand DeSoto.
	Ethan Allen.

## SCIENTIFIC.

Cecil's Book of Beasts.	Cecil's Book of Birds.
Cecil's Book of Insects.	My Land and Water Friends.
Little Folks in Feathers and Fur.	Neighbors with Wings and Fins.
Neighbors with Claws and Hoofs.	Four Feet, Wings and Feathers.
Friends Worth Knowing.	My Back Yard Zoo.
Dogs and Their Doings.	Anecdotes of Dogs.
Parrots and Monkeys.	Plant Hunters.
The White Rat.	Sagacity of Animals.
Serpent Charmers.	Reynard the Fox.

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| About Animals.                               | Birds and Bird Life.                    |
| Intelligence of Animals.                     | Overhead.                               |
| Fairy Land of Science.                       | Little Brothers of the Air.             |
| Under-foot.                                  | Eyes Right.                             |
| History of a Mouthful of Bread.              | What Darwin Saw.                        |
| Bottom of the Sea.                           | Coral and Coral Islands.                |
| Round-about Rambles.                         | Le Contes Geology.                      |
| Cassino, Natural History, 6 volumes.         | Cassell, Natural Hi volumes.            |
| Wood, Natural History, 3 volumes.            | Buckley, Animals from the Life.         |
| Buckley, Winners in Life's Race.             | Buckley, Life and Her Children.         |
| Gray, Botany for Young People.               | Fairy Land of Flowers.                  |
| Coal and Coal Mines.                         | Little Flower Folks, 2 volumes.         |
| The Earth in Past Ages.                      | Story of the Hills.                     |
| Autobiography of the Earth.                  | On the Hills.                           |
| Geological Stories.                          | Star Land.                              |
| Ganot, Physics.                              | Dana's Mineralogy.                      |
| First Steps in Scientific Knowledge.         | How we Live.                            |
| Servants of the Stomach.                     | Man Wonderful in House Beautiful.       |
| Stories of Animals, 2 volumes.               | Up and Down the Brooks.                 |
| My Wonder Story.                             | Lotus Bay.                              |
| Lookabout Club.                              | Second Year of the Lookabout Club.      |
| Real Fairy Folks.                            | Seven Little Sisters on the Round Ball. |
| Story Mother Nature Told her Children.       | Aunt Martha's Corner Cupboard.          |
| Seven Little Sisters Prove their Sisterhood. |   |

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|--------------------------------|------------------------------|
| Madam How and Lady Why.        | World by the Fireside.       |
| Nature Readers, 3 volumes.     | Curious Flyers, Creepers,    |
| Children with Animals, Birds,  | Swimmers.                    |
| Fishes, 3 volumes.             | Pictures and Stories of Ani- |
| Little People and their Homes. | mals, 6 volumes.             |
| Ants and Bees.                 | Butterflies and Moths.       |
| Chapters on Ants.              | Our Insect Allies.           |
| Our Insect Enemies.            | Our Common Birds.            |
| Tales of Birds.                | Little Arthur at the Zoo.—   |
| Stories About Birds.           | Home Studies in Nature.      |
| Homes Without Hands.           | Four Feet, Two Feet, No      |
| Natural History for Young      | Feet.                        |
| Folks.                         | Animal Memoirs, 2 volumes.   |

## MISCELLANEOUS.

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|----------------------------|--------------------------|
| Home Lessons.              | Little Cloister Ruin.    |
| Self Will and Repentance.  | Masterman Ready.         |
| The Settlers.              | Aunt Jo's Scrap Bag.     |
| My Boys.                   | My Girls.                |
| Cupid and Chow chow.       | Eight Cousins.           |
| Under the Lilacs.          | Little Men.              |
| Little Women.              | Shawl-Straps.            |
| St. Nicholas. 30 volumes.  | Wide Awake. 18 volumes.  |
| Riverside. 5 volumes.      | Hawthorne's Wonder Book. |
| Petland Revisited.         | Grand-mother Dear.       |
| Tell me a Story.           | Old Jolliffe.            |
| The Wept of Wish-ton-Wish. | Pilgrim's Progress.      |
| Robinson Crusoe.           | Tales from Shakespeare.  |
| Tom Brown's School Days.   | Water Babies.            |
| King of the Golden River.  | Leslie Goldthwaite.      |
| Sandford and Merton.       | Roddy's Romance.         |



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|--------------------------------|--------------------------------|
| Stories told to a Child.       | Mopsa, the Fairy.              |
| Tanglewood Tales.              | Story of a Bad Boy.            |
| Hymns in Prose.                | Giraffe Hunters.               |
| Stories for the Household.     | Old Fashioned Girl.            |
| Rose in Bloom.                 | We Girls.                      |
| Fritz.                         | Original Fables.               |
| The Cockoo Clock.              | The Boys and I.                |
| Uncle Titus.                   | Red Letter Stories.            |
| Black Beauty.                  | Silver Pitchers.               |
| Father Gabrielle's Fairy.      | Evenings at Home.              |
| Patience Hathaway.             | Jack and Jill.                 |
| Mrs. Over-the-way's Remem-     | Letters to Guy.                |
| brances.                       | Christmas-tree Land.           |
| Stories from Virgil.           | Stories from Homer.            |
| At the Back of the North Wind. | Æsop's Fables.                 |
| The Judge's Pets.              | Carrots.                       |
| The Emigrant Boy.              | Found on a Farm.               |
| Knight and Peasant.            | Anderson's Fairy Tales.        |
| Little Lord Fauntleroy.        | Carl Krinken.                  |
| Timothy's Quest.               | Stories of the Golden Age.     |
| Six Girls.                     | The Happy Prince.              |
| Grimm's Fairy Tales.           | Mr. Rutherford's Children.     |
| Sybil and Chryssa.             | Hard Maple.                    |
| Alice in Wonderland.           | Alice behind the Looking       |
| Heroic Poems.                  | Glass.                         |
| Longfellow's Poems.            | Open Sesame. 3 volumes.        |
| Bancroft, History of the Con-  | Curtis, Constitutional History |
| stitution of the U. S.         | of the U. S.                   |
| Hosmer, Anglo-Saxon Freedom.   | Fiske, Civil Government of     |
| Macy, Our Government.          | the U. S.                      |

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Johnson, American Politics.	Nordhoff, Politics for Young Americans.
Nordhoff, Four Years in Washington.	Nordhoff, Among the Law-makers.
Nordhoff, Picturesque Washington.	Dawes, How We are Governed.
Bryce, The American Commonwealth.	Willoughby, Government of the United States.
Caspar.	

# THE FLETCHER FREE LIBRARY.

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FOUNDED IN 1873, BY MRS. MARY L. FLETCHER  
AND MISS MARY M. FLETCHER.

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## OFFICERS.

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### TRUSTEES OF THE LIBRARY.

SENECA HASELTON, *ex-officio*,  
E. J. PHELPS,  
M. H. BUCKHAM,  
SAMUEL HUNTINGTON,  
J. ISHAM BLISS.

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SARAH C. HAGAR.

### ASSISTANT,

LIZZIE R. MOORE.

### SECOND ASSISTANT,

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### COMMITTEE ON LIBRARY AFFAIRS.

Alderman H. H. DAVIS,  
“ C. C. READ,  
“ C. HICKS.

NINETEENTH ANNUAL REPORT OF THE  
FLETCHER FREE LIBRARY.

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REPORT OF THE TRUSTEES.

BURLINGTON, VT., January 1, 1893.

*To the City Council of Burlington :*

GENTLEMEN : The Trustees of the Fletcher Free Library beg leave herewith to submit the report of the Librarian for the year 1892.

They at this time have nothing to add to its clear presentation of the work accomplished by the Library during the period under review, except once more respectfully, but very earnestly to press upon your Board the imperative and ever increasing need of a suitable Library Building.

Your obedient servants,

The Trustees,

By the Secretary,

J. ISHAM BLISS.

# Fletcher Free Library.

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## REPORT OF LIBRARIAN.

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BURLINGTON, VT., January 1, 1893.

*To the Trustees of the Fletcher Free Library:*

GENTLEMEN: The librarian's annual report for the year ending December 31, 1892, is respectfully submitted. It is the sixteenth to the Trustees and the eighth which it has been my privilege to lay before your board.

During the past year, 664 volumes have been entered on the catalogue of accessions, making the whole number so entered 21,619. More than 4000 volumes belonging to the Library are not entered on the accession catalogue, for the reason that, as there is no place for them in the book room, they are packed away in rooms below the Library hall.

In 1891 the circulation was 46,387, this year it was 47,203, a gain of only 816. Since the Library opened (July 6 1875) the circulation has never been so large as during the past year, it having gained steadily since 1885, although there had been a large decrease from the first year until that time.

It is also gratifying to note that in no previous year has there been so much reading and consultation of books in the Library, sometimes obliging the librarian to devote all of her time during Library hours to this part of her work. This was observed more especially during the months in which there was a large decrease in the books loaned for use at home,



as in January, in which 330 fewer books were taken out from the Library, and in September when the loss was 388. In April of this year the circulation was 520 more than in the corresponding month of 1891.

In 1892, eight hundred and twenty-one cards were issued to new applicants, six fewer than in 1891. The cancelled registrations were about 150 more than the new cards applied for, but without any decrease in circulation.

The record of books given out to the teachers for use in the Public Schools is smaller than last year. Some of the teachers ceased to avail themselves of the privilege. I presume they found that the distribution and care of the books, make too many demands on their busy days. About 700 volumes were taken out for the schools, 70 for the Primary schools, 60 for the Grammar schools, 464 for the Intermediate schools, the remainder for the High school.

These numbers do not show the whole use of the Library for school work. There is rarely a day in which scholars are not in the Library looking up some subject in relation to their studies:—a fact connected with their geography, the biography of a historical character, fuller information on some event, matter for a lyceum debate, a selection either in prose or poetry for declamation, and most frequently references to use in their study of civil government. The private and parochial schools also depend on our resources to aid in and supplement their teaching.

This Library must indeed seem as public libraries are often called, like “a second home” to many of the young people, “where they are always welcome and where those in search of information are never refused or disappointed if this information can be found here.”

More than one-half of the circulation is reported as fiction and juvenile literature; but this classification may be misunderstood, for under this heading are instructive books on many subjects, carefully arranged for the reading of the young.

It is natural for children to enjoy the imaginative in literature, and the Public Library, while supplying this need, prevents their buying or borrowing and reading worthless and sensational stories which must lower their tone mentally and morally. The Public Library encourages the taste and supplies the demand for better books:—besides interesting and attractive biographies, histories, travels, it also furnishes historical stories and those with a good moral purpose, thus preventing the desire for useless and pernicious fiction.

The teachers do much to interest their pupils in the best books, and implant a taste for reading of real value, but the parents are best able to have a supervision over the books their children take home and should interest themselves in the intelligent direction of their reading. There are also in every community the “mentally indolent” and the tired overworked people who can read only for amusement. While providing publications of permanent and undoubted value for the scholarly and intellectual, the wants of every class must be kept in mind. A book is surely not the best for a Public Library which is destined to remain on its shelves un-opened and un-read.

A list of those who have given books, etc., to the Library and the number of volumes and pamphlets contributed can be found in the appendix. The principal newspaper publishers of the city have given us their daily and weekly issues. The editors of the University Cynic send us their publication,

other friends remember us, as usual, by supplying us with certain periodicals. The most important of our gifts during the past year was "The Life and complete Works of Cardinal Newman" in forty volumes, from a lady who already, by similar gifts, has shown her friendship for the Library. These volumes have proved very acceptable and useful, especially to several persons who have taken a particular interest in Newman's life and writings, and who would have found us very poorly provided to aid them in their study but for this most timely addition to our list of books. With this exception we have no large gifts of books or money to report. Every one acknowledges the usefulness of the Library, many commend its administration, but when one of our citizens has a gift or legacy to bestow, it is always for the benefit of some other deserving or needy institution, thus leaving the support of the Public Free Library entirely to the city government. We are grateful for the provision the city has been willing to make for it, enabling the Library to do its part in aiding the intellectual activity of the citizens, so that by thus stimulating and elevating general intelligence, the Fletcher Free Library may contribute to the prosperity of Burlington.

Respectfully submitted,

SARAH C. HAGAR,

*Librarian.*

## REPORT OF TREASURER.

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FLETCHER FREE LIBRARY,

In account with S. Huntington, Treas.

1892.	Cr.
January 1, amount of cash on hand .....	\$ 446 34
Dog tax for 1891 .....	397 10
Annual interest, library fund .....	636 00
Fines collected .....	165 00
Old magazines sold .....	1 13
Books sold .....	2 50
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/> \$1,648 07

### CONTRA.

Cash to new account .....	\$ 600 91
Cash paid for books and periodicals .....	1,047 16
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/> \$1,648 07

Attest,

S. HUNTINGTON,

Treas. Fletcher Free Library.

## APPENDIX A.

## LIBRARY EXPENSES.

Salaries, Miss Hagar, Librarian.....	\$ 800 00
Miss Moore, Assistant Librarian.....	500 00
Edwin H. Chase, Second Assistant.....	144 00
Binding.....	390 60
Coal and wood.....	135 00
Gas.....	93 84
Printing cards, etc.....	59 85
Printing reports.....	10 00
Repairs.....	24 84
Cleaning.....	32 15
Stationery and postage.....	16 10
Express.....	5 45
Water.....	11 00
Incidentals.....	2 09
Total.....	<u>\$2,224 82</u>

## APPENDIX B.

*Circulation for 1892.*

	Fiction and Juveniles.	Total.
January.....	3,021	4,420
February.....	3,052	4,546
March.....	3,239	4,866
April.....	2,999	4,449
May.....	2,693	3,916
June.....	2,201	3,242
July.....	2,495	3,413
August.....	2,334	3,300
September.....	1,951	2,958
October.....	2,406	3,902
November.....	2,608	4,262
December.....	2,600	3,929
	<u>31,599</u>	<u>47,203</u>



**APPENDIX C,**  
*Circulation from 1876.*

	Fiction and Juveniles.	Total.
1876.....		35,448
1877.....	30,471	38,458
1878.....	25,186	35,238
1879.....	21,809	33,077
1880.....	19,579	29,432
1881.....	19,212	28,262
1882.....	18,308	26,437
1883.....	17,092	25,576
1884.....	15,027	20,173
1885.....	20,489	29,475
1886.....	27,337	37,753
1887.....	26,917	37,933
1888.....	28,701	41,948
1889.....	29,032	43,464
1890.....	30,303	45,828
1891.....	30,983	46,387
1892.....	31,599	47,203

**APPENDIX D.**  
**GIFTS FOR 1892.**

	Vols.	Pam.	Nos.
Aldrich, N. W. U. S. S.....		2	
American Museum of Natural History.....		1	
Ames, J. G., Washington, D. C. ....		2	
Amherst College.....		1	
Angell, Pres. J. B.....		1	
Anonymous.....	2	1	
Arthur, J. A.....		1	
Atkins, H.....		1	
Austin, Miss.....	40		

	Vols.	Pam.	Nos.
Bailey, Rev. G. H. ....	16		27
Baxter, Mrs. H. H. Rutland, Vt. ....	1		
Benedict, G. G. ....	76		9
Bradford Academy ....		1	
Brett, W. M., Cleveland, O. ....		1	
Burlington Clipper ....			52
Burlington Free Press, daily and weekly ...			365
Burlington Independent ....			52
Brinton, D. G., Media, Pa. ....		1	1
Canadian Patent Office ....		12	
Catlin, W. W., Chicago ....	1		
Chicago University ....		1	
Civil Service Reform League ....		1	
Corse, F. M. ....	2		
Davis, J. E. ....		1	
Davies, J. M. ....	31		
Denver Stock Exchange ....		1	
Denver Sun ....			365
Drexel Institute ....		1	
Elliot, Rev. L. H., Waterbury, Vt. ....		2	
Farrar, J. C. ....	104		94
Finney, Mrs. H. A. ....	2		
Finney, Kate ....		2	
Field, R. Rush, Easton, Pa. ....		1	
Glover, R., Washington, D. C. ....	1		
Gordon, H. L., Minneapolis ....	1		
Harvard University ....	1		
Henderson, Mrs. E. ....	6		
Holt, George ....	1		
Home Market Bulletin ....			12
Hopkins, Mrs. Alice ....	1		
Hungerford, Rev. E. ....		6	

	Vole.	Pam.	Nos.
Hunt, L. B., Fairfax, Vt. ....		1	
Johnson, Mrs. H. L. ....	4		
Ladies' Society of Unitarian Church ....		1	
Larose, V. ....	2		
Lowry, G.W. ....	6		
Lowry, Miss Lizzie ....	4		
Lyon, D., Estate of ....	9	27	
Libraries, Ames Free ....		1	
Baltimore, Enoch Pratt ....		1	
Boston Public ....		3	
Bridgport ....		1	
Brookline ....		1	
Brooklyn Mercantile ....		1	
Brooklyn, Pratt Institute ....		1	
Chicago Public ....		1	
Cincinnati ....		1	
Clapham ....		1	
Cleveland ....		1	
Columbus ....		1	
Concord ....		1	
Denver ....		4	
Detroit ....		2	
Dover ....		1	
Dundee, Scotland ....		1	
Glasgow Baillie's Institute ....		1	
Glasgow and Stirlings ....		1	
Grand Rapids ....		1	
Hackley ....	1		
Hamilton, P. Q. ....		1	
Hartford ....		4	
Harvard University ....		3	
Hopedale, Mass. ....		1	

	Vols.	Pam.	Nos.
Libraries, Jersey City.....		12	
Lawrence.....		1	
Liverpool.....		1	
Los Angeles, Cal.....		1	
Lowell.....		2	
Lynn.....		1	
Massachusetts State.....	1		
Milwaukee.....		1	
Minneapolis.....		1	
Natick, Morse Institute.....		1	
Newark.....		1	
New Bedford.....		1	
Newton.....		1	
New York Free.....		1	
New York Maimonides.....		1	
New York Mercantile.....		1	
New York State.....		4	
North Adams.....		1	
Pawtucket, R. I.....		1	
Philadelphia, Drexel Institute.....		1	
Philadelphia Mercantile.....		1	
Providence, R. I.....		1	
Rockingham, Bellows Falls, Vt....		1	
Rutland Free.....		1	
St. Louis Mercantile.....		1	
St. Louis Public.....		1	
Salem.....		1	
San Francisco Mercantile.....		1	
San Francisco Public.....		1	
Scranton.....		1	
University of Pennsylvania.....		1	
Wilmington Institute.....		1	

	Vols.	Pam.	Nos.
Libraries, Worcester.....		1	
Morrill, J. S.....	17	4	
Mackenzie, Harriot, Braemar, Scotland.....	2		
Paradise of the Pacific.....			52
Peake, Miss A.....	1		
Peck, Mrs. J. E.....	2		
Peck, Theodore S.....	1		
Phelps, E. J.....	3		
Platt, Miss Julia.....		1	
Pointer.....			12
Proctor, Redfield.....		2	
Robinson, Rowland P.....	1		
Russell, S. H.....			23
Smalley, B. B.....	9	15	
Smith, Jerome B.....	1		
Sawin, James M., Providence, R. I.....		1	
Smithsonian Institution.....	2	5	
Stone, M. H.....		1	
Temple, E. L., Rutland, Vt.....	1		
United States, Department of Agriculture..		17	
Civil Service.....	5	1	
Bureau of Education.....	2	4	
Department of Interior.....	110	6	
Treasury.....		2	
State.....		16	
War.....	14	9	
Bureau of Labor.....	1		
Board on Geog. names.....	1		
Interstate Com. Commission.....	1		
Patent Office.....		53	
University of Pennsylvania.....		1	
University of Vermont.....		1	



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	Vols.	Pam.	Nos.
Wheeler, Rev. H. L. ....	5	27	14
Wheeler, J. B. ....	6		2
Worlds Columbian Exhibition ..		9	100
Woodbury, C. J. H., Lynn, Mass. ....		1	
Worcester, Rev. J. H. ....			
Vermont State .....	1		

REPORT  
OF THE  
HEALTH OFFICER.

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*To the Honorable The City Council:*

The never ceasing cycle of time admonishes us that another year has passed away, and it remains for me to gather up some of the factors, and consolidate and present them to you in the annual report of this department.

Similar experiences to those of former years have been our lot during 1892. More deaths have occurred than in 1891, and among them some of our oldest and most highly esteemed citizens. The number includes not a few who had for years been actively interested in the prosperity of our fair city; who had watched and worked for every advantage to which it was entitled. They are no longer with us in the daily walks of life but their good deeds and words of wisdom will serve to long keep their memories bright in the history of the Queen City of Vermont.

Unfortunately the time has not yet arrived when all of our citizens realize the necessity of good sanitary regulations. Notwithstanding this fact, however, advancement is being made. The highest ambition of the American people is to obtain wealth, yet the cities and towns of this republic are to-day far in advance of those in the old European countries. But among the people there is a class which cherishes a con-

stitutional antipathy for cleanliness and apparently have a sincere and deep rooted affection for dirt and filth. They eschew all means for removing it and seem to doubt whether any useful end can be gained by annihilating it. They totally fail, perhaps through ignorance, to see the connection between filth and disease. This condition we cannot afford to overlook. Good sewers and drainage having been established we must in some manner enlighten this class of citizens on the subject. The press and the schools can do much in this direction, and in fact upon them largely rests the burden.

In this age of study and progress sanitary science is steadily advancing. Hence it becomes a duty which every well meaning person owes to humanity to inform the ignorant respecting sanitary principles and to assist in preventing disease by the destruction of germs and germ producing matter.

We are thankful that sanitation is honored in our country; perhaps not as universally and as enthusiastically as it should be, but to that degree which insures hereafter a permanent place and recognized position for it. We regret that its progress is not more rapid in our cities and throughout the land. But progress is marked each year. The great substantive truths of sanitation to us seems to be manifested and more and more to be challenging attention and exerting a fresh and salutary influence.

The object of the Health Department of Burlington is to secure the city against the immunity of disease and to apply the principles governing the preservation of life and health. It is impossible to give in the space at our command a detailed account of all that has been accomplished in this department during the past year. I have attempted to give my best and

most earnest efforts to do well whatever has demanded my attention.

### INSPECTIONS.

Compared with last year the number of inspections were more numerous. The subjects of the inspections were as follows: Slaughter houses, hog yards, pig pens, meat markets, fruit and vegetable stands, defective drains and drainage, dwellings and their appurtenances, and the abatement of nuisances in general. Of these about 175 were made by the health officer.

Owing to the cholera scare I deemed it advisable to have a special general inspection of all the dwellings, business and manufacturing establishments within the city limits. At a meeting of the Mayor and committee of the Health Department a concurrence to this plan was given. Five policemen and five citizens, two for each ward, were deputized for this work. Blanks were furnished to record the condition of each inspection. About 3,000 inspections were made and conditions found were rated bad, fair and good. The inspectors were empowered to enforce the city sanitary regulations. In due time a second inspection was made, and while many complied with the regulations as pointed out to them by the inspector, others were willful and obstinate, which resulted in their being referred to the health officer proper.

### SEWERS AND PLUMBING.

A matter of vital importance to the health of a city is good drainage facilities. Burlington has accomplished much in this direction.

With the improvements constantly taking place in plumb-

ing, our present rules on this subject should be amended. Improvements in plumbing should be encouraged in every legitimate manner. Complaints of defective plumbing and drainage in old buildings reach this office frequently. The work in most of them was not constructed in accordance with any sanitary plan, and although it entails quite a heavy expense the owners ought to be willing in the interests of the public health to make the necessary changes. The importance of a first-class plumber as a sanitarian cannot be over estimated, and people ought to be particularly careful to secure only such persons when building or repairing a dwelling or block.

### NUISANCES.

The hog-pen nuisance still exists in our city, but not to the extent that it did a year since. A large number of hog-pens with their disease breeding stench have been removed, but there are people, I am sorry to say, who still appear to regard a hog and his pen a necessary auxiliary to their house-keeping affairs. But there is reason to hope that this kind of a nuisance will soon be entirely abated.

A slaughter house with hog-yard attached exists in the south part of the city which demanded considerable attention during the hot weather. The offal from this slaughter house is thrown into the yard where hogs are kept to consume it, and the establishment has become saturated with putrefied organic matter, which in the summer emitted odors foul and exceedingly offensive not to say detrimental to health. In the winter months this nuisance is much less troublesome.

The practice of several persons early in the summer, who gather swill became a decided nuisance inasmuch as they placed the swill and waste substances from houses in vessels



which leaked. The liquid was drizzled through the streets producing offensive and noxious odors. By order of the Health officer, approved by the Health committee, liquid-tight vessels with close-fitting covers so constructed and used as to effectually confine this refuse, was obtained by the parties offending against good health and comfort and this nuisance was thus abated.

### DUMPS.

It is a necessity that the City should have a dumping ground and the one established at the head of Pitkin street is intended to answer every purpose. There are however a number of private dumps, some of which are kept in an unobjectionable condition while several have become a nuisance by reason of the perishable matter which is deposited. Such dumps are a menace to health as well as being unsightly to those who are compelled to pass them. Common regard for the public health ought to prompt the owners to give such dumps ordinary care.

### HEALTH OF THE CITY.

We have not suffered from any epidemic of contagious or infectious disease except "La Grippe."

According to the table No. 4, of contagious and infectious diseases there were of all kinds 92.

Analysis of same :—

Diphtheria,	12 cases,	1 death.
Scarlatina,	32 "	4 "
Measles,	9 "	0 "
Whooping Cough,	7 "	1 "
Typhoid Fever,	27 "	3 "
Mumps,	1 "	0 "
Rubella,	3 "	0 "
Varicella,	2 "	0 "

### "LA GRIPPE."

This disease has appeared in epidemic form for the last three years. There were 10 deaths from this disease alone, 4 in Jan., 4 in Feb., 1 in March, and 1 in April. There were also 3 deaths from "La Grippe" complicated with Heart failure in January, one death of "La Grippe" complicated with "Bronchitis," occurring in February, two from "La Grippe" followed by "Pneumonia," one in January and one in February.

### CHOLERA INFANTUM.

There were 37 deaths from this disease. Of this number 20 were in July and 10 in August.

### CONSUMPTION.

The number of deaths from this disease was 41. Seven in May, the largest number in any month.

It will be noted that there were fifty-six (56) deaths recorded in July, the largest number recorded in *any* month since the City was incorporated. I attribute this extreme fatality to the excessive hot days during that month.

In my report of last year, I did not make any reference to our schools. I can truly say that our people can rejoice in our common schools, and that all things combined, our superintendent, school committees, teachers, and school buildings are instrumental in giving our children a healthy education, and for such a continuation the resources of sanitary medicine and educational science should be combined.

The subject of physical education is of vast importance.

The "high pressure" system in some cases of depressed vitality, and by overwork, may cause some of the following

diseases: as dyspepsia, headache, nervous derangements, neurasthenia, chorea and consumption, also diseases of the eye.

The phrase "go slow" is not euphonious to the Yankee's ear.

Unventilated and overcrowded school rooms are powerful causes to break down the health of children.

The "spinal curvature," so often caused by a malposition whilst sitting upon hard and ill adapted seats in the school room, is on the increase, but it has not received due attention from the public.

Schools may be mediums for the spread of "contagious and infectious" diseases. Several circumstances may exist which cause the school house to be dangerous to health, as bad drainage and sewerage, a damp, filthy basement, neglected and filthy water closets. These should be constructed with the greatest simplicity. Wooden boxing about water closets is needless as the enclosed space is sure to become foul. Children collected may be exposed by one who has an undeveloped disease as in a case of sore throat. It must be regarded with suspicion, a strong possibility that diphtheria may lie in ambush, and may be communicated by using the same drinking cup, by putting pencils and marbles into each others mouths, in the act of kissing, coughing, spitting, sneezing, by infected articles, as towels, napkins and handkerchiefs.

Thus diphtheria may serve as an example for other diseases, as "scarlet fever," "measles" and "whooping cough," etc. Parents, guardians and school teachers should be watchful when slight ailments appear in the children and inform the Health Department or family physician of such cases. Another source of disease may be "polluted" water used in our school for drinking purposes.

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The following regulations should be observed.

1. "Persons affected with diphtheria, scarletina, measles and small-pox should be excluded from schools until permission is given for re-admission by the "Board of Health."

2. "Persons living in the same house or family in which the above diseases exist, should be excluded until a similar permission is given."

3. "This permission should not be given until sufficient time has elapsed to insure safety, and the premises have been disinfected."

4. "The Board should also notify the school authorities."

5. "Notice must be sent to the family, the school authorities acting conjointly with the Board of Health."

For the Year 1892.

		Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Total.
Nativity OF GROOM.	United States.	6 10	7 7	14 14	11 11	7 7	11 11	11 10	10 10	118				
	Canada.	1 3	2 1	3 3	3 3									26
	Ireland.						3 1	1 1						
	Other Countries.									1		1		7 151
Nativity* OF BRIDE.	United States.	6 11	7 7	16 15	12 12	10 10	15 15	10 10	6 6	125				
	Canada.	1 2	2 1	1 1	2 2									20
	Ireland.						3 1							1
	Other Countries.											1		5 151



TABLE 2—Births, Season, Nativity, Sex, Locality and Number of Mothers of Each Age.

SEASON.	SEX OF CHILD	NATIVITY.						LOCALITY.					AGE OF MOTHER.									
		FATHER.						MOTHER.						BIRTHS.			No.			Age.		
		United States.	Canada.	Ireland.	Other Countries.	Unknown.	United States.	Canada.	Ireland.	Other Countries.	Unknown.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Total.	No.	Age.	No.		
January....	Male.	19	15	8	2	4	3	1	25	4	1	5	1	5	10	6	7	29	15	20	34	
February....	Female.	10	21	5	2	1	25	4	1	2	2	2	2	5	12	6	7	32	16	12	35	
March.....		23	19	11	4	1	25	10	2	5	1	8	1	5	15	6	3	33	17	20	36	
April.....		19	20	6	1	1	19	6	2	5	1	10	1	10	10	4	5	29	10	18	37	
May.....		18	24	8	1	1	25	9	1	3	2	5	2	11	16	7	9	34	20	8	38	
June.....		19	25	9	3	1	25	9	1	3	1	9	1	9	16	4	9	37	13	19	38	
July.....		19	23	14	1	1	28	8	1	2	1	11	2	11	16	4	7	39	15	24	42	
August....		14	22	10	1	1	23	8	2	2	2	10	2	10	13	4	3	37	15	24	43	
September..		17	13	17	3	3	16	9	2	3	2	10	2	10	11	5	5	34	17	25	44	
October....		10	13	3	1	5	13	4	2	5	2	12	1	12	3	6	30	27	26	34	45	
November..		18	16	24	2	2	24	6	2	2	2	6	2	6	15	5	6	34	14	22	32	
December..		17	11	18	8	2	18	7	2	1	2	7	1	7	12	1	6	34	24	32	33	
*Totals.....		213	241	100	9	33	4	258	86	12	31	18	88	153	54	68	381					
Grand Total	391	387+4=391						387+4=391						381+4+6=391					*Not Stated.			

\* 4 Twin births. † Not stated, 6.

**TABLE 3.—MORTUARY. Deaths, Season, Sex and Color.  
Social Relations and Ages.**

SEASON.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Deaths.....	30	20	17	23	36	17	54	32	20	17	19	21	306
Still Births.....	1	1	3	2	3	3	2	3	2	4	2	4	30
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336
SEX AND COLOR.													
White.....	31	21	20	25	39	20	56	35	22	21	21	25	336
Colored.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336
Males.....													
Females.....	15	11	5	13	18	8	25	17	14	9	14	14	163
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336
SOCIAL CONDITION.													
Married.....	10	10	5	4	11	3	11	5	6	4	6	5	80
Widowed.....	10	6	7	6	8	3	9	4	4	3	1	5	66
Single.....	11	5	8	15	20	14	36	25	12	14	14	15	189
Not Stated.....	—	—	—	—	—	—	—	1	—	—	—	—	1
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336
AGES.													
Under 1 year.....	4	2	3	8	10	10	34	18	8	10	8	8	123
1 to 5.....	2	1	3	2	4	2	2	2	2	0	3	1	24
5 to 20.....	1	1	0	2	3	2	1	0	0	1	1	2	14
20 to 50.....	5	4	6	5	10	1	8	8	7	5	4	5	68
50 to 70.....	8	2	4	5	3	5	3	3	2	2	3	3	42
Over 70.....	6	9	3	3	4	1	3	2	3	1	1	4	40
Over 80.....	5	2	3	1	1	1	3	2	0	2	1	2	23
Over 90.....	—	—	—	—	2	—	—	—	—	—	—	—	2
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336
MORTUARY TABLES.—DEATHS BY WARDS.													
Ward 1.....	4	1	2	0	2	2	5	5	5	1	1	3	31
Ward 2.....	6	2	5	4	6	3	16	7	5	7	1	7	69
Ward 3.....	8	8	8	7	16	8	23	11	5	6	8	4	112
Ward 4.....	9	6	4	5	6	2	9	5	3	2	3	4	58
Ward 5.....	4	4	1	8	9	5	3	7	4	5	8	7	65
Not Stated.....	—	—	—	1	—	—	—	—	—	—	—	—	1
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336
NATIVITY.													
United States.....	22	14	11	22	33	16	43	29	17	19	16	22	264
Canada.....	4	2	7	1	2	1	6	1	3	1	2	—	30
Ireland.....	5	4	1	1	3	1	6	4	2	1	1	1	30
Other Countries.....	—	1	—	1	—	1	1	—	—	—	2	1	7
Not Stated.....	—	—	1	—	1	1	—	1	—	—	—	1	5
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336

\*Not stated.

TABLE 3.—Continued. Classification of Diseases. Class 1.—Zymotic Diseases. Class 2.—Constitutional Diseases. Class 3.—Local Diseases. Class 4.—Developmental Diseases. Class 5.—Violence.

	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Total.
<b>DISEASES—CLASSES.</b>													
Zymotic.....	7	4	3	2	--	1	22	14	3	2	4	3	65
Constitutional.....	3	6	4	8	10	2	5	5	2	2	4	4	55
Local.....	18	10	7	8	21	13	19	10	10	10	8	8	142
Developmental.....	2	1	5	7	7	3	9	6	4	7	5	10	66
Violent Deaths.....	1	--	1	--	1	1	1	--	3	--	--	--	8
Total.....	31	21	20	25	39	20	56	35	22	21	21	25	336
<b>ZYMOTIC DISEASES.</b>													
Alcoholism.....	--	--	--	--	--	--	--	--	--	--	1	--	1
Cholera Infantum.....	1	--	--	--	--	1	20	10	3	--	2	--	37
Cholera Morbus.....	--	--	--	--	--	--	--	2	--	--	--	--	2
Convulsions Puerperal.....	--	--	--	--	--	--	1	--	--	--	--	--	1
Diphtheria.....	1	--	--	--	--	--	--	--	--	1	--	--	2
Fever Continued.....	1	--	--	--	--	--	--	--	--	--	--	1	2
Fever Typhoid.....	--	--	1	--	--	--	--	--	--	1	1	--	3
Fever Puerperal.....	--	--	--	--	--	--	1	--	--	--	--	--	1
La Grippe.....	4	4	1	1	--	--	--	--	--	--	--	--	10
Scarlatina.....	--	--	1	1	--	--	--	--	--	--	--	2	4
Septicaemia.....	--	--	--	--	--	--	--	1	--	--	--	--	1
Typho-malarial Fever.....	--	--	--	--	--	--	--	1	--	--	--	--	1
Total.....	7	4	3	2	--	1	22	14	3	2	4	3	65
<b>CONSTITUTIONAL.</b>													
<b>ORDER 1. DIATHETIC.</b>													
Anæmia.....	--	--	--	--	1	--	--	--	--	--	--	--	1
Anæmia Pernicious.....	--	--	--	--	1	--	--	--	--	--	--	--	1
Cancer (not stated).....	--	--	--	--	--	--	--	1	--	--	2	--	3
Cancer of Intestine.....	--	--	--	--	1	--	--	--	--	--	--	--	1
Cancer of Liver.....	--	1	--	1	--	--	--	--	--	--	--	--	2
Cancer of Uterus.....	--	--	--	--	--	--	1	--	--	--	--	--	1
Total.....	--	1	--	1	3	--	1	1	--	--	2	--	9
<b>CONSTITUTIONAL.</b>													
<b>ORDER 2. TUBERCULAR.</b>													
Phthisis.....	2	5	4	6	7	1	4	4	2	1	4	1	41
Meningitis Tubercular.....	1	--	--	1	--	--	--	--	--	1	--	1	4
Tuberculosis.....	--	--	--	--	--	1	--	--	--	--	--	--	1
Total.....	3	5	4	7	7	2	4	4	2	2	4	2	46

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
<b>LOCAL ORDER 1. NERVOUS.</b>													
Apoplexy.....			1	1	2			1		2			7
Apoplexy and Paralysis.....					1								1
Brain Fever.....				1									1
Brain, Congestion of.....							1						1
Convulsions.....					1	3	2			1		1	8
Hemiplegia.....	1								1				2
Loco Motor Ataxia.....							1						1
Meningitis.....	1						1	1					3
Meningitis Cerebro Spinal.....	1						1						2
“ Cerebral.....											1		1
“ Spinal.....											1		1
“ Traumatic.....						1							1
Mania Chronic, Exhaustion from.....	1												1
Paralysis.....	1	2			2	1	1			1			8
Paresis.....				1									1
Sunstroke.....							1						1
Tetanus.....									1				1
Total.....	5	2	1	3	6	5	8	2	2	4	2	1	41
<b>LOCAL ORDER 2. CIRCULATORY.</b>													
Angina Pectoris.....						1							1
Bright's Disease and Valvular disease of the Heart.....	1												1
Heart Disease and Asthma.....	1				1								2
Heart Failure.....					1								1
Heart Disease.....		2	2	1	1	1	4		1	1		1	14
Heart Failure and La Grippe.....	3												3
Heart Failure and Pneumonia.....	1												1
Hæmoptysis.....					1								1
Hæmorrhage after an operation.....							1						1
Hæmorrhage from tubal pregnancy.....			1										1
Gangrene.....											1		1
Gangrene Senile.....		1											1
Total.....	6	3	3	1	4	2	5		1	1	1	1	28
<b>LOCAL ORDER 3. RESPIRATORY..</b>													
Bronchitis.....	3												3
Bronchitis Capillary.....					1	1			1		1	1	5
Bronchitis Chronic.....							1						1
Bronchitis and La Grippe.....		1											1
Croup.....					1						1		2
Pneumonia.....	1	3	1	3	5	1			1		2		17
Pneumonia following La Grippe.....	1		1										2
Pneumonia Typhoid.....	1								1				2
Whooping Cough.....											1		1
Total.....	6	4	2	3	7	2	1		3		5	1	34

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<b>LOCAL ORDER 4. DIGESTIVE.</b>													
Congestion of Liver.....								1					1
Consumption of Bowels.....				1									1
Chronic Diarrhoea.....										2			2
Diarrhoea.....								1					1
Enteritis.....	1			1		3			1				6
Enteric Fever.....										1			1
Gastro-Enteritis.....			1				3	2	1				7
Gastritis.....					1		1					1	3
Indigestion, Acute.....						1							1
Intestinal Catarrh.....								1					1
Peritonitis.....								1	1				2
Stricture of Rectum.....					1								1
Tabes Mesenterica.....										1			1
Ulceration of Bowels.....							1						1
Total.....	1		1	2	2	4	5	6	3	4		1	29
<b>LOCAL ORDER 5. URINARY.</b>													
Bright's Disease.....					1	1		1				3	6
Dropsy.....									1	1			2
Uraemia.....			1				1					1	3
Total.....		1			1	1	1	1	1	1		4	11
<b>DEVELOPMENTAL.</b>													
Asthenia.....										1			1
Cyanosis.....			1		1		1						3
Exhaustion.....												1	1
Heat Prostration.....							1						1
Inanition.....				2	1		2	1					6
Malnutrition.....										1			1
Marasmus.....				1			1	1	2		1		6
Premature Births.....				1								2	3
Pelvic Abscess.....				1			1						2
Old Age.....	1		1		2		1	1		1	1	3	11
Still Births.....	1	1	3	2	3	3	2	3	2	4	2	4	30
Total.....	2	1	5	7	7	3	9	6	4	7	4	10	65
<b>VIOLENT DEATHS.</b>													
Accident.....									1				1
Accident—Shock from broken thigh.....							1						1
Asphyxia by Gas.....					1								1
Fracture of Skull.....						1							1
Injury of Spine.....									1				1
Laparotomy.....									1				1
Suicide.....	1												1
Surgical Operation Shock.....			1										1
Total.....	1		1		1	1	1		3				8



TABLE 4.—Contagious and Infectious Diseases and deaths resulting therefrom.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Deaths.
Diphtheria.....	2	2	1	1	2	1				2	1		12	1
Scarlatina.....	1	1	4	4	5	6		1	1	2	3	4	32	4
Measles.....					1	1		2	2			1	9	
Whooping Cough.....								4			3		7	1
Typhoid Fever.....		7	3	1	3	1		2	1	2	3	4	27	3
Mumps.....				1									1	
Rubella.....					3								3	
Varicella.....												1	1	

### ANALYSIS OF THE VITAL STATISTICS.

During the year 1892 there were 151 marriages, 391 births, 336 deaths, including 30 still births. The excess of births over deaths shows an increase in the population of 55 by these natural events. As compared with the year 1891, there were 28 more marriages, an equal number of births and 64 more deaths.

#### MARRIAGES.

The ratio of persons married in 1892 to the whole population was 1 to 100.

*Season.*—There were 29 marriages in the first quarter of the year, 45 in the second, 38 in the third, 39 in the fourth.

#### DEATHS.

There were 336 deaths, including 30 still births, during the year 1892, 64 more than in 1891.

Estimating the population at 15,000, the ratio of deaths, exclusive of still-births, was 22 to 1,000 inhabitants, or 1 death in 45 of the population.

*Season.*—The greatest number of deaths (113) was in the third quarter of the year, and the smallest (62) in the fourth. The greatest monthly mortality was 56 in July, and the least, 20, in each of the months of March and June.

*Sex.*—There were deaths of 163 males and 171 females and 2 not stated.

*Social Relations.*—One hundred and eighty-nine of the deaths—including 30 still-births—were of single persons; 80 of married, and 50 of widows or widowers.

*Age.*—There were 123 deaths, including 30 still-births, of children under 1 year of age, 24 of children between 1 and 5 years old, 14 between the ages of 5 and 20, 68 were between 20 and 50, 42 were between 50 and 70, 40 were between 70 and 80, 23 between 80 and 90, and 2 over 90.

*Nativity.*—Two hundred and sixty-four of the deceased, including 30 still-births, were born in the United States; 30 in Canada; 30 in Ireland, 7 in other countries, and 5 not stated.

*Diseases—Classes.*—Zymotic 65, constitutional 55, local 142, developmental 66, violent deaths 8.

*Deaths by Wards.*—Ward 1, 31; Ward 2, 69; Ward 3, 112; Ward 4, 58; Ward 5, 65; not stated, 1.

#### CAUSES OF DEATH.

Under the *Zymotic* class, or diseases which are either epidemic, endemic or contagious, and which are in a measure preventable by sanitary regulations, 65 deaths are recorded. Thirty-seven, the largest number, were of cholera infantum; 2 of cholera morbus; 3 of typhoid fever; 10 of La Grippe; 1 of alcoholism; 4 of scarlatina; 1 of typhoid malarial fever; 2 of diphtheria; 1 of puerperal convulsions; 1 of puerperal fever; 1 of septicaemia and 2 of continued fever.

*Zymotic Diseases—Season.*—There was one death of cholera infantum in January, 1 in June, 20 in July, 10 in August, 3 in September, 2 in November; alcoholism, 1 in November; 2 cholera morbus in August; 1 convulsions puerperal in July; diphtheria 1 in January and 1 in October; typhoid fever, 1 in March, 1 in October and 1 in November; puerperal fever, 1 in July; La Grippe, 4 in January, 4 in February, 1 in March and 1 in April; scarlatina, 1 in March, 1 in April and 2 in December; septicaemia, 1 in July and typho malarial fever, 1 in Aug.

Under the *Constitutional* class, or diseases consequent upon a bad habit of body, sometimes hereditary, or in which there is a deposit of new morbid products in various parts of the body, 55 deaths are recorded; 41 were of consumption—9 more than in 1891; 7 of cancer; 4 of tubercular meningitis; 1 of tuberculosis; 1 of anaemia and 1 of pernicious anaemia.

*Season.*—Deaths from consumption occurred in every month in the year.

Under the *Local* class, or diseases in which the functions of particular organs or systems are disturbed, or obliterated, and sometimes hereditary, 142 deaths are recorded; 41 were under the order nervous; 28 circulatory; 34 respiratory; 29 digestive; 11 urinary.

*Season.*—Deaths in this class occurred at all seasons of the year. There were 17 deaths from pneumonia, 5 more than in 1891.

*Developmental* diseases, which occur incidentally to the formative, reproductive and nutritive processes, are represented by 66 deaths during the year. Under the order of children are 30 still-births, 3 of cyanosis, 3 premature births, 1 of exhaustion, 1 of heat prostration and 1 of malnutrition.

Under the order of old age there were 11 deaths.

Under the order of women there was one death of pelvic abscess.

Under the order nutrition there were 6 deaths of inanition, 6 of marasmus, and 2 asthaenia.

*Season.*—There was nothing noteworthy in the distribution of these deaths through the year.

There were 8 deaths by *violence* during the year 1892, viz: 1 by accident, 1 by shock from broken thigh, 1 by asphyxia by gas, 1 by fracture of skull, 1 by injury of spine, 1 by laparotomy, 1 by suicide, and 1 by shock from surgical operation.

#### BIRTHS.

There were 391 births during the year, 1892, the same as in 1891. In this number are included 3 illegitimate births, 4 twin births, and 30 still births.

The proportion of live births to population (15,000) was 1 in 40.

*Sex.*—Males, 213; females, 178,—or 35 more males than females.

*Parentage.*—Two hundred and forty-one fathers and 258 mothers were born in the United States; 100 fathers and 86 mothers were born in Canada; 9 fathers and 12 mothers were born in Ireland, and 23 fathers and 31 mothers were born in other countries. The nativity of four fathers was unknown.

*Season.*—107 births occurred in the first, 106 in the second, 103 in the third and 75 in the fourth quarter.

*Locality.*—One hundred and fifty-three births occurred in the third ward, 88 in the second, 68 in the fifth, 54 in the fourth, and 28 in the first ward.

*Twin Births.*—There were four of these cases.

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*Age of Mothers.*—The age at which women bore the greatest number of children in 1892 was 26,—27 children having been born by mothers of the age of 26. The youngest mother was 15 years old, and the oldest were two of 47 years. Twenty children were born by mothers 18 years old and under, and 26 by women 40 years old and over.

We append the conclusion of Mr. C. E. Allen's valuable meteorological tables of last year. They give the range of temperature of Burlington during the past 53 years, and will be found of interest. Respectfully submitted,

Your obedient servant,

H. A. CRANDALL, M. D.

Health Officer.



# METEOROLOGICAL OBSERVATIONS, CITY OF BURLINGTON, VERMONT.

By CHARLES E. ALLEN.

Showing the maximum and minimum temperature and the range of temperature, at hours of observation, for 53 years, ending with 1892; the mean range of each month in the year, and the mean monthly, annual and general average.

Table 8	January.			Feb.		March.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		10 yrs. Mean annual Range of temp.											
	Maximum Temperature.	Minimum Temperature.	Range of Temperature.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.		Min. Temp.	Range Temp.									
Years																																					
1840	44	-16	60	61	-10	71	59	-2	61	59	36	53	87	37	50	94	44	50	90	51	39	77	34	43	65	24	41	54	21	33	47	1	46	50.6			
1841	53	-11	64	49	-5	54	66	-8	74	70	10	60	84	32	52	87	41	46	84	44	40	89	43	46	80	38	42	69	18	51	67	10	57	46	0	46	52.7
1842	51	-10	61	52	-6	58	67	9	58	70	10	60	78	34	44	90	32	58	90	49	41	88	48	40	78	31	47	60	30	56	13	43	40	-10	50	49.2	
1843	52	-7	59	43	-12	55	60	4	56	73	8	65	86	30	56	95	40	55	86	46	40	86	48	38	85	32	53	61	28	33	52	5	47	45	1	44	50.1
1844	47	-22	69	49	-7	56	60	6	54	80	8	72	78	32	46	82	40	42	80	48	32	79	45	34	80	32	48	62	27	35	50	8	42	44	0	44	47.8
1845	42	-7	49	51	-12	63	64	12	52	71	21	50	86	28	58	82	42	40	86	48	38	82	46	36	70	33	37	72	20	52	52	12	40	30	-13	43	46.5
1846	40	-8	48	42	-10	52	58	-10	68	79	24	55	80	30	50	81	42	39	87	52	35	86	46	40	84	40	44	69	23	46	65	18	47	44	5	39	46.9
1847	42	-4	46	44	-10	54	50	0	50	61	7	54	77	32	45	84	43	41	88	50	38	85	46	39	77	37	40	69	16	53	64	2	62	60	0	60	48.5
1848	50	-25	75	49	-10	59	60	0	60	65	20	45	85	30	55	90	35	55	88	48	40	85	48	37	79	26	53	66	24	42	50	18	32	54	0	54	50.6
1849	40	-14	54	58	-16	74	56	5	51	60	18	42	76	33	43	88	40	48	88	50	38	84	50	34	72	37	35	66	30	36	58	26	32	39	-5	44	44.3
*	46	-12	59	50	-10	60	60	2	58	71	14	56	82	32	50	87	39	47	87	48	39	85	47	38	78	34	44	66	24	42	57	13	44	45	-2	47	48.72

\*Mean monthly average for 10 years.

Table 9	Years	Jan.			Feb.			March.			April.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.			10 yrs. Mean annual range of temp.
		Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.							
1850	46	24 44	-20 64	55	2 57	73	13 60	60	32	28	84	48	36	87	44	43	82	43	39	83	35	48	66	29	37	61	26	35	44	-5 49	45							
1851	46	-14 60	50	-18 63	64	0 64	69	28	41	80	36	44	93	42	51	82	46	36	80	46	34	80	32	48	74	26	48	51	10 41	16	-13 29	47						
1852	37	-12 49	48	-11 59	51	5 56	58	21	37	82	30	52	87	42	45	88	46	42	88	45	43	79	36	43	69	27	42	55	17 38	58	8 50	46.3						
1853	43	-7 50	44	-8 52	59	1 58	75	24	51	86	28	58	84	42	42	87	47	40	87	51	36	80	36	44	68	22	46	58	9 49	42	-4 46	47.6						
1854	49	-16 65	46	-9 55	53	5 48	66	18	48	81	27	54	84	40	44	90	54	36	89	48	41	89	32	57	78	31	47	63	23 40	43	-19 62	48.9						
1855	50	-7 57	48	-24 72	54	2 56	73	9	64	84	32	52	90	47	43	87	51	36	82	41	41	82	32	50	69	30	39	58	8 50	47	-10 57	51.4						
1856	36	-10 46	45	-16 61	54	5 59	67	13	54	80	36	44	88	48	40	93	46	47	88	46	42	80	41	39	72	25	47	63	16 47	43	-15 58	48.7						
1857	34	-26 60	57	-7 64	59	1 58	59	6	53	84	30	54	80	46	34	89	54	35	82	54	28	80	38	42	64	30	34	78	4	74	50	0 50	48.7					
1858	46	0 46	44	-12 56	56	9 65	63	19	44	80	30	50	95	52	43	90	50	40	81	48	33	90	34	56	65	24	41	53	16 37	45	-10 55	47.2						
1859	50	-30 80	50	-1 51	58	2 56	62	20	42	85	34	51	95	42	53	87	43	44	86	45	41	76	33	43	72	20	52	62	13 49	47	-24 71	52.8						
*	44	-12 56	48	-13 60	56	-2 58	67	17	50	80	31	49	88	45	43	88	48	40	85	47	38	82	35	47	70	26	44	60	14 46	47	-9 56	48.36						

\*Mean monthly average for 10 years.

Table 10	Years	January			Feb.			March.			April.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.			10 yrs. Mean annual range of temp.
		Maximum Temperature.	Minimum Temperature.	Range of Temperature.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	
	1860	50	-10	60	54	12	66	64	18	46	67	14	53	85	31	54	88	49	39	86	53	33	89	52	37	79	29	50	75	32	43	78	20	58	41	-2	43	48.5
	1861	41	-16	57	52	32	84	61	-6	67	73	20	53	73	30	43	83	43	40	86	52	34	83	47	36	76	42	34	67	26	41	54	16	38	52	-4	56	48.6
	1862	40	-8	48	41	-8	49	48	8	40	65	14	51	83	36	47	82	44	38	91	50	41	94	44	50	78	44	34	82	33	49	62	12	50	50	-10	60	46.4
	1863	50	-11	61	46	-27	73	54	-14	68	64	12	52	86	33	53	83	50	33	88	55	33	88	48	40	78	31	47	70	21	49	55	13	42	45	-4	49	50
	1864	44	-18	62	46	-13	59	53	8	45	66	31	35	80	34	46	90	40	50	89	52	37	94	52	42	75	40	35	68	26	42	62	10	52	46	-10	56	46.8
	1865	38	-18	56	44	-17	61	59	8	51	69	26	43	80	34	46	84	46	38	88	48	40	86	48	38	88	34	54	62	23	39	63	22	41	54	-3	57	47
	1866	44	-25	69	50	-10	60	48	7	41	72	26	46	72	32	40	84	36	48	91	52	39	80	50	30	82	36	46	70	27	43	59	18	41	46	-20	66	47.4
	1867	34	-12	46	50	2	48	52	12	40	62	24	38	70	27	43	82	48	34	92	52	40	84	45	39	80	34	46	68	27	41	64	11	53	41	-13	54	43.5
	1868	36	-10	46	38	-14	52	60	-6	66	65	12	53	79	31	48	88	43	45	96	57	39	85	48	37	82	38	44	64	20	44	48	20	28	40	-6	46	45.7
	1869	45	-8	53	42	-5	47	54	-12	66	72	22	50	78	31	47	82	46	36	84	50	34	80	50	30	86	41	45	70	28	42	63	18	45	42	4	38	44.4
	*	42	-14	56	46	-14	60	55	2	53	68	20	48	79	32	47	85	45	40	89	52	37	86	48	38	80	37	43	70	26	44	61	16	45	46	-7	53	46.83

\*Mean monthly average for 10 years.

Table 11	January.			Feb.			March.			April.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.			10 yrs. Mean annual range of temp.
	Maximum Temperature.	Minimum Temperature.	Range of Temperature.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.				
1870	43	-18	61	48	-14	62	52	0	52	72	32	40	76	35	41	90	50	40	86	52	34	88	48	40	80	38	42	68	24	44	58	20	38	45	-2	47	45.1
1871	50	-18	68	46	-18	64	54	21	33	64	22	42	90	34	56	84	42	42	88	52	36	86	48	38	76	30	46	68	24	44	47	-3	50	42	-16	58	48.1
1872	40	-8	48	44	-6	50	42	-19	61	74	24	50	76	38	38	88	45	43	90	54	36	86	51	35	82	44	38	68	30	38	53	24	29	41	-14	55	43.4
1873	46	-12	58	41	-10	51	42	-2	44	60	32	28	81	32	49	82	45	37	85	53	32	79	46	33	78	39	39	66	28	38	46	4	42	56	-5	61	42.7
1874	54	-12	66	48	-32	70	59	2	57	55	8	47	82	30	52	91	44	47	86	53	33	85	44	41	77	38	39	68	31	37	56	12	44	42	-10	52	48.8
1875	32	-5	37	52	-18	70	48	-5	53	62	16	46	85	35	50	87	46	41	85	53	32	86	50	36	84	34	50	62	30	32	48	-7	55	48	-15	63	47.1
1876	56	-2	58	43	-14	57	58	-1	59	60	21	39	80	32	43	84	52	32	91	50	41	90	45	45	80	40	40	68	24	44	53	13	40	42	-14	56	46.6
1877	42	-16	58	46	6	40	52	4	48	68	23	45	78	34	44	84	52	32	87	53	34	84	58	26	82	45	37	74	25	49	60	20	40	44	2	42	41.3
1878	46	-16	62	45	-7	52	53	5	48	74	33	41	80	38	42	88	40	48	90	51	39	94	50	44	82	32	50	75	42	33	56	25	31	47	9	38	44
1879	46	-10	56	39	-8	47	50	10	40	69	17	52	86	40	46	88	52	36	89	57	32	87	48	39	88	34	54	81	26	55	66	9	57	46	-16	62	48
*	46	-12	58	45	-11	56	51	1	50	66	23	43	81	35	46	87	47	40	88	53	35	87	49	38	81	37	44	70	28	42	54	12	42	45	-8	53	45.51

\*Mean monthly average for 10 years.



Table 12	Jan.			Feb.			March.			April.			May.			June.			July.			Aug.			Sept.			Oct.			Nov.			Dec.			13 yrs.
	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Mean annual Range Temp.			
1880	44	2 42	52	-10	62	44	3 41	64	19	45	87	32	55	87	52	35	89	53	36	89	51	38	88	45	43	72	30	42	62	7	55	43	-4	47	45.1		
1881	40	-10	50	51	-16	67	52	19	33	59	81	35	46	84	43	41	90	57	33	89	52	42	37	90	43	74	30	44	68	5	63	60	8	52	47.7		
1882	40	-24	64	52	-2	54	55	12	43	79	22	37	76	32	44	87	52	35	88	56	32	94	52	42	80	42	38	75	29	44	64	19	45	34	43.4		
1883	38	-12	50	47	-10	57	48	-2	50	67	12	55	82	38	44	85	51	34	89	54	35	81	51	30	75	39	36	72	24	48	70	11	59	66	20	86	49.5
1884	43	-18	61	47	-2	49	52	4	56	67	32	35	81	40	41	87	52	35	88	55	33	93	52	41	87	37	50	73	32	41	53	14	39	55	-20	75	46.3
1885	55	-10	65	40	-20	60	47	-19	66	81	16	65	80	31	49	87	45	42	88	52	36	83	48	35	79	38	41	73	31	42	67	22	45	48	-14	62	50.7
1886	53	-20	73	51	-23	74	66	-10	76	80	25	55	74	43	31	83	54	29	90	56	34	86	49	37	84	43	73	31	42	67	22	45	48	-10	61	46.1	
1887	48	-19	67	47	-3	50	45	-4	49	62	12	50	84	44	40	87	57	30	93	62	31	88	53	35	80	39	41	70	24	46	62	10	52	51	-10	61	46.4
1888	43	-23	66	42	-20	62	50	0	50	76	17	59	79	36	43	85	55	30	82	60	22	87	56	31	74	33	41	58	30	28	67	4	63	55	-7	62	46.4
1889	42	-2	44	49	-18	67	54	13	41	75	27	48	89	43	46	84	51	33	88	57	31	80	54	26	80	44	36	65	22	43	58	20	38	52	0	52	42.1
1890	58	-12	70	51	-4	55	50	-4	54	68	24	44	71	36	35	85	55	30	91	52	39	88	50	38	80	38	42	72	30	42	60	16	44	37	-10	47	45.
1891	46	-5	51	48	-5	53	60	-5	65	74	25	49	82	35	47	94	45	49	89	53	36	86	54	32	85	43	42	79	25	54	62	-2	64	54	0	54	49.6
1892	51	-12	63	49	-8	57	50	5	45	65	25	40	84	40	40	91	53	38	92	53	39	88	53	35	76	43	33	70	29	41	68	20	48	40	-14	54	44.4
46	-13	59	49	-11	59	52	1	52	70	21	49	81	37	44	87	51	36	89	55	34	87	51	36	81	40	41	71	28	43	64	12	52	50	-7	57	46.7	

Mean Monthly and Annual Average of Range of Temperature for 53 Years.

Table 13	Average Temperature for 53 Years.																									
	Jan.		Feb.		March.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		53 Yrs.	
	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.	Max. Temp.	Min. Temp.	Range Temp.		Mean average range of temp.
1840 to 1893	45-12	57-47	Range Temp.	Max. Temp.	Range Temp.	Min. Temp.	Max. Temp.	Range Temp.	Min. Temp.	Max. Temp.	Range Temp.	Min. Temp.	Max. Temp.	Range Temp.	Min. Temp.	Max. Temp.	Range Temp.	Min. Temp.	Max. Temp.	Range Temp.	Min. Temp.	Max. Temp.	Range Temp.	Min. Temp.	Max. Temp.	47-27



REPORT  
OF THE  
BOARD OF  
STREET COMMISSIONERS.

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*To the Honorable the City Council:*

GENTLEMEN:—The Board of Street Commissioners submit the following report for the year ending Dec. 31st, 1892 :

STREET DEPARTMENT.

Cash on hand, Jan. 1st, 1892, \$1,830.97 ; from highway tax, \$27,544.20 ; from assessments on Peru street extension, \$521.53 ; on Pine street extension, \$4,187.50, and on Lakeside avenue, \$500.00, making in all for street purposes, \$34,584.20, to which is to be added collections made by Superintendent Stevens for individual work, such as curbing, sewer connections, etc., and paid into the city treasury, \$7,254.92, which gives us as the total amount paid into this department, \$41,839.12.

The above has been expended as follows : For land damages on Peru street extension, \$3,476.63 ; for street work, including work done on Peru street extension and Pine street extension, \$29,537.47, and to Superintendent Stevens for individual work, \$7,254.92, leaving a balance on hand of \$1,570.20, and we have uncollected assessments due us amounting to something over \$1,000.00.

We regret that we were unable to complete Pine street extension, but the unusual and excessive amount of rain during the summer compelled us to spend more time and money in general repairs on streets than usual, so that portion of our work was left unfinished, but will be completed in the early part of the summer. The concrete work done on Church street will speak for itself, also the large amount of concrete sidewalk work done in various parts of the city.

### SEWER DEPARTMENT.

We have received from the city treasurer the amount appropriated for 1892, \$2,000, and from collections made during the year \$3,449.12, making in all for our use for the year, \$5,449.12, which has been expended as follows: For overdraft Jan. 1st, 1892, \$401.20, and for work done under the supervision of Superintendent Stevens, \$5,963.10, leaving an overdraft of \$915.18, which would not have existed had the assessments for work done, been collected when the work was completed, but we have due us for sewer assessments uncollected \$951.14, and sewer tile on hand to the amount of over \$600.

We are glad to be able to report progress in regard to the disposal of our sewage at the outlet of our sewer, but what may be done the coming season we cannot tell.

### ELECTRIC LIGHTS.

In this department we had placed to our credit for use during the year, \$11,000 and the expense of lighting has been \$10,746.65, leaving an unexpended balance of \$253.35. We now have 127 electric lights and 30 of them are kept burning all night, which we believe is appreciated by strangers who

arrive in the city on the late trains as well as by those of our own citizens who may occasionally be out late at night.

We believe that the amendment to our city charter enabling us to make improvements in sidewalks, curbing or the building of sewers and allowing parties interested an opportunity to pay their assessments in installments, will work beneficially to all concerned, and that such work will be done to a much larger extent than has been done heretofore.

We again thank you for the courtesy shown us in all departments of our work. For an itemized account of our expenses for the year we refer you to the following report of our Street Superintendent.

Respectfully submitted,

N. K. BROWN, GEO. W. BECKWITH, J. G. BACON,	}	<i>Street Commissioners.</i>
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# REPORT

## OF THE

# Superintendent of Streets.

*To the Honorable Board of Street Commissioners of the City of Burlington.*

GENTLEMEN:— I have the honor to present herewith my report for the period, January 1st, 1892 to January 1st, 1893:

### SEWER DEPARTMENT.

#### RECEIPTS.

Cash from City Treasurer.....	\$ 5,811 66
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#### DISBURSEMENTS—BASINS.

Battery street.....	\$	67 27
Church street No. 1.....		44 55
Church street No. 2.....		44 55
Church and Bank streets.....		70 45
North street.....		37 05
North and Champlain streets.....		39 95
North and Rose streets.....		97 40
Cleaning basins.....		100 62
General repairs, basins.....		20 85
	—————\$	522 69

## SEWERS.

Bank street .....	\$ 280 46
Battery street No. 1 .....	781 77
Battery street No. 2 .....	363 10
Champlain street .....	538 27
Church street (relaid) .....	777 55
Monroe street .....	377 42
Prospect street .....	206 95
Smith's Lane .....	123 82
Winooski avenue .....	656 02
General repairs, sewers .....	549 61
Tile, amount of on hand .....	634 00
	<hr/>
	\$ 5,288 97
	<hr/>
	\$ 5,811 66

## STREET DEPARTMENT.

## RECEIPTS.

## Buildings and Parks Department :

Battery Park .....	\$148 35
City Hall .....	2 04
City Hall Park .....	15 97
F. F. Library Building .....	1 25
Barnes Hose House .....	5 38
E. A. Engine House .....	21 07
Howard Hose House .....	29 40
City team earnings .....	2,148 73
Crusher .....	403 75
General repairs .....	9 44
Health department .....	140 01
Individual accounts .....	3,251 17
Old bills .....	1,142 41
Sale of street numbers .....	1 70



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School department.....	\$	117	88
Tools and stock.....		426	40
Water department.....		9	23
Cash from City Treasurer....	\$36,761	61	
Less collections paid City Treas. .	7,254	92	
		<hr/>	\$29,506 69
			<hr/> \$37,380 87

## DISBURSEMENTS.

Adams street.....	\$	10	51
Archibald street.....		35	75
Bank street.....		124	58
Barrett street.....		30	80
Battery street.....		154	15
Bright street.....		5	05
Buell street.....		20	12
Champlain street.....		49	10
Chase street.....		19	08
Cherry street.....		24	05
College street.....		147	62
Colchester avenue.....		50	10
Church street.....		35	00
Elm street.....		23	70
Grove street.....		15	00
Hayward street.....		43	30
Howard street.....		54	74
Hyde street.....		8	00
Institute road.....		9	75
Intervale avenue....		27	50
Intervale road.....		19	85
Kilburn street.....		6	90
King street.....		116	03
Lafountain street.....		23	28

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Lakeside avenue.....	\$ 248 93
Loomis street.....	13 85
Main street.....	239 98
Maple street.....	203 68
North avenue.....	72 01
North Bend street.....	67 40
North street.....	26 94
Park avenue.....	86 98
Pearl street.....	19 90
Peru street.....	22 40
Pine street.....	41 66
Pine street, extension of.....	7,703 88
Pomeroy street.....	7 50
Poplar street.....	101 05
Prospect street.....	41 06
Queen City Park road.....	23 23
St. Paul street.....	255 26
School street.....	15 80
Shelburne street.....	335 23
Spear street.....	7 30
Spruce street.....	97 80
Summit street.....	115 23
Union street.....	338 17
Willard street.....	84 24
Williams street.....	20 43
Winooski avenue.....	24 35
Winooski road.....	202 73
<hr/>	
\$11,470 95	

## DISBURSEMENTS—CURBING.

Adams street.....	\$130 50
Bank street.....	62 15
Cherry street.....	147 02

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Church street.....	\$ 8 88	
Grant street.....	100 74	
Lafountain street.....	9 30	
North street.....	767 07	
Pine street.....	27 35	
Summit street.....	80 35	
Union street.....	118 55	
University Place.....	30 80	
General repairs, curbing.....	73 15	
	<hr/>	\$1,555 86

## DISBURSEMENTS—FLAGGING.

Summit street.....	\$ 46 97	
General repairs, flagging.....	192 63	
	<hr/>	\$239 60

## DISBURSEMENTS—GRAVELLING.

Champlain street.....	\$ 26 00	
Elmwood avenue.....	14 55	
North avenue.....	160 55	
North street.....	148 45	
Winooski road.....	121 78	
	<hr/>	\$471 33

## DISBURSEMENTS—MACADAMIZING.

Bank street.....	\$ 359 00	
Pearl street.....	353 83	
Pine street, extension of.....	2,764 35	
Shelburne street.....	926 93	
Winooski road.....	488 82	
	<hr/>	\$4,892 93

## DISBURSEMENTS—PAVING GUTTERS.

Adams street.....	\$ 94 55
Bank street.....	82 50
Cherry street.....	122 24
College street.....	11 15
Grant street.....	76 00
Hickok place.....	9 30
North street.....	303 86
Pine street.....	31 65
Rose street.....	6 10
Summit street.....	125 20
Union street.....	48 35
University place.....	37 60
General repairs, paving.....	286 10
	<hr/> \$1,234 60

## DISBURSEMENTS—SIDEWALKS.

Adams street.....	\$120 26
Bank street.....	91 04
Blodgett street.....	23 79
Champlain street.....	20 55
Chase street.....	8 25
Cherry street.....	23 00
Colchester avenue.....	18 60
College street.....	299 98
Drew street.....	11 44
Grant street.....	23 45
Hickok place.....	21 03
Maple street.....	107 03
North street.....	68 90
Pine street.....	73 95
Prospect street.....	35 55

St. Paul street.....	\$ 9 67	
Shelburne street.....	37 23	
Union street.....	93 74	
Winooski avenue.....	56 80	
		————— \$1,144 26

## DISBURSEMENTS—MISCELLANEOUS.

Bridge, Heineberg.....	\$ 23 65
“ Potash Brook.....	29 01
“ Winooski.....	18 58
Buildings and Parks Department :	
Battery Park.....	148 35
City Hall.....	2 04
City Hall Park.....	15 97
F. F. Library Building.....	1 25
Barnes Hose House.....	5 38
E. A. Engine House.....	21 07
Howard Hose House.....	29 40
City Team account.....	1,840 34
Cleaning streets.....	972 45
Concreting Church street.....	1,950 43
Crossings.....	301 54
Crusher.....	2,038 06
General repairs.....	1,593 38
Health Department.....	140 01
Individual accounts.....	3,498 55
Office expenses.....	54 61
Repairing tools.....	340 86
Salary City Engineer.....	500 00
Salary Street Commissioners.....	350 00
Salary Superintendent \$1000.00 less amount charged to sewers.....	850 00



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School Department.....	\$ 117 88
Snow work.....	820 73
Tools and Stock.....	683 32
Trimming trees.....	15 55
Water Department.....	9 23
	<hr/> \$16,371 34
	<hr/> \$37,380 87

## RECAPITULATION.

## RECEIPTS.

Cash from City Treasurer.....	\$42,573 27
Less collections paid City Treas- urer.....	7,254 92
	<hr/> \$35,318 35
City team earnings.....	2,148 73
Cash from miscellaneous ac- counts.....	5,725 45
	<hr/> \$43,192 53

## DISBURSEMENTS.

## Sewer Department :

Basins.....	\$ 522 69
Sewers.....	5,288 97
	<hr/> \$ 5,811 66

## Street Department ;

Streets.....	\$11,470 95
Curbing.....	1,555 86
Flagging.....	239 60
Gravelling.....	471 33
Macadamizing.....	4,892 93
Paving.....	1,234 60
Sidewalks.....	1,144 26

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Bridges.....	\$	71	24
Salaries.....		1,700	00
City teams.....		1,840	34
Cleaning streets.....		972	45
Concreting Church St. .		1,950	43
Crusher.....		2,038	06
General repairs.....		1,593	38
Miscellaneous.....		1,395	58
Snow.....		820	73
		-----	\$33,391 74
Individual accounts.....			3,498 55
Various Departments.....			490 58
			-----
			\$43,192 53

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We, the undersigned, have examined the accounts and vouchers of Herald Stevens, Superintendent of Streets, from January 1, 1892, to January 1, 1893, and find the same correct.

M. H. STONE, }  
H. R. WING, } *Auditors.*  
W. C. ISHAM, }

Besides the expenses shown thus far in my report of Street and Sewer Departments, the City Treasurer has paid certain bills, which appear in the following statement. This statement shows the actual condition of these departments, excepting that the balance to the credit of the Street Department will be increased by good accounts of individuals, by curbing and sidewalk assessments, and by stock on hand, to the amount of about \$1200.00.

In the Sewer Department there are assessments still unpaid, which, when paid, together with the amount of tile on hand, will give it a credit of over \$600.00.

## SEWER DEPARTMENT.

## RECEIPTS.

Appropriation.....	\$2,000 00	
Collections, sewer assessments.....	3,449 12	
Overdraft to balance.....	915 18	
	<u>          </u>	\$6,364 30

## DISBURSEMENTS.

Overdraft, January 1st, 1892.....	\$ 401 20	
Paid A. R. Dow, City Engineer.....	80 50	
John O'Mara.....	25 00	
Rebate on sewer assessments.....	45 94	
H. Stevens, Superintendent.....	5,811 66	
	<u>          </u>	\$6,364 30

## STREET DEPARTMENT.

## RECEIPTS.

Balance January 1st, 1892.....	\$ 1,830 97	
Collections, Highway tax.....	27,544 20	
Assessments :		
Peru St. extension, Edson, H. J. ....	521 53	
Pine St. extension, Stearns, A. T. ....	125 00	
Pine St. extension, Hayward, Ella F. .	1,325 00	
Pine St. extension, Conger, H. R. ....	737 50	
Pine St. extension, Englesby, et al....	2,500 00	
H. Stevens, accounts collected.....	7,254 92	
	<u>          </u>	—\$41,839 12

## DISBURSEMENTS.

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Paid Burlington Gas Light Company.....	\$	5	28
A. R. Dow, City Engineer.....		13	00
Insurance, on Heineberg Bridge..		12	40
W. M. Ripley and wife, land damages, Peru St.....		2,476	63
Sarah R. McMahon, land damages, Peru St.....		1,000	00
H. Stevens, Superintendent.....		36,761	61
Balance.....		1,570	20
			<hr/> \$41,839 12

During the past year there have been constructed sewers, or extensions of sewers, all in accordance with the city's sewer plans. The following table gives these sewers, with their size, material and cost of construction :

Sewers.	Size.	Shape.	Material.	Length.	Assessed City.	Assessed Property.	Total Cost.
Bank street.....	12 in.	Circular.	Akron tile.	282 ft.	\$ 44 21	\$236 25	\$280 46
Battery street, No. 1.....	12 "	"	"	894.33 "	68 99	712 78	781 77
Battery street, No. 2.....	12 "	"	"	390.33 "	250 60	112 50	363 10
Champlain street.....	10 "	"	"	767.8 "	12 17	526 10	538 27
Church street.....	15 "	"	"	403.5 "	777 55		777 55
Monroe street.....	12 "	"	"	422.33 "	69 59	307 83	377 42
Prospect street.....	10 "	"	"	392 "	206 95		206 95
Smith's lane.....	10 "	"	"	212 "	79	123 03	123 82
Winooski avenue.....	12 "	"	"	718.33 "	87 12	568 90	656 02
Totals.....				4,482.62 ft.	\$1,517 97	\$2,587 39	\$4,105 36



Bank street sewer extends from a man-hole this year constructed in the center line of Church street, eastwardly in the center line of Bank street 282 feet to a lamp-hole this year constructed at the centre line of Centre street.

Battery street sewer No. 1 extends from a man-hole previously constructed in the center line of North street, southwardly in the center line of Battery street 894.33 feet to a man-hole this year constructed, 6 feet north of the intersection of the center line of Smith's lane and Battery street.

Battery street sewer No. 2 extends from a man-hole previously constructed in the center line of Pearl street, northwardly in the center line of Battery street 390.33 feet to a man-hole this year constructed at the center line of Monroe street.

Champlain street sewer extends from a man-hole previously constructed in the center line of North street, southwardly in the center line of Champlain street 767.8 feet to a man-hole previously constructed in the center line of Champlain street, at the center line of Peru street.

Church street sewer extends from a man-hole previously constructed in the center line of College street, northwardly in the center line of Church street to a man-hole, this year constructed in the center line of Bank street, a distance of 403.5 feet.

Monroe street sewer extends from a man-hole this year constructed in the center line of Battery street, eastwardly in the center line of Monroe street, 422.33 feet, to a man-hole previously constructed in the center line of Champlain street.

Prospect street sewer extends from a point near the south line of H. J. Brookes' premises, at a tile connecting a side basin with the south end of the sewer previously laid in Prospect

street, southwardly a distance of 392 feet, parallel with and 11 feet east of the center line of Prospect street to a lamp hole.

Smith's lane sewer extends from a man-hole, this year constructed in Battery street, six feet north of the center line of Smith's lane eastwardly 212 feet to a lamp-hole, this year constructed six feet north of the center line of Smith's lane.

Winooski avenue sewer extends from a man-hole previously constructed in the center line of North street, north-eastwardly in the center line of Winooski avenue 421.5 feet to a man-hole, this year constructed, at the center line of Crombie street. Thence in the same direction and in the center line of Winooski avenue 296.93 feet to a man-hole, this year constructed at the center line of Decatur street.

A general care of the sewers previously constructed has been exercised, and its expense charged to the account of repairs, sewers.

There have been built during the year three corner and four side basins, chiefly in connection with the above mentioned sewers, and their position is shown in the previous portion of this report.

In the Street Department, mention will be made of only those expenses, that have been of comparatively large amount, as a general supervision has been extended to all of the streets of the City.

Adams street was curbed and the gutters paved on the north side from Church to Elm street, and the sidewalk was concreted 4 feet in width, on the south side from Elm to Union street.

Bank street was curbed and the gutters paved on both sides, and the road-bed, macadamized from Church street to Winooski avenue.

Cherry street was curbed, the gutters paved, and the sidewalks concreted 5 feet in width on both sides from Church to St. Paul street, and was curbed, the gutters paved and the sidewalks concreted 5 feet in width on the south side from St. Paul to Pine street.

The road-bed of Church street from Main to College street was concreted.

The sidewalk on the south side of College street was concreted 5 feet in width from Willard to Prospect street.

That portion of Colchester avenue known as the "Winooski Hill" was dressed with gravel.

Grant street was curbed, the gutter paved and the sidewalk concreted on the south side from Winooski avenue to Union street.

Peru street extension was opened to the public, but the grading was not completed, owing to the fact that a small portion of the water pipe was not at a sufficient depth.

Pine street was curbed, the gutter paved and the sidewalk concreted 5 feet in width on the west side from College to Bank street.

Poplar street was dressed with gravel from Champlain to Battery street.

Shelburne street was macademized from the terminus of the stone road constructed in 1891, near the junction of Shelburne and Willard streets, to a point opposite G. N. Willard's residence, a distance of 940 feet, which completes a thoroughly constructed road from the stone crusher to College street, thereby giving the city the benefit of a good road for the transporting material for building and street purposes to its central and northern portions.

Summit street was curbed and the gutter paved on the

west side from Main to Maple street, and the sidewalk was flagged opposite the premises of Mr. Edward Wells.

North street was curbed and the gutters paved from Champlain street to Elmwood avenue, on both sides.

Union street was curbed and the gutters paved on both sides from Pearl street southerly a distance of 397.33 feet, and the road-bed dressed with crushed stone from Maple to Spruce street. Also the sidewalk on the east side from Spruce street southerly a distance of 168 feet was concreted 5 feet in width.

The sidewalk on the south side of Maple street was concreted 5 feet in width, a distance of 283.5 feet westerly from Willard street.

Winooski road was macadamized from a point near the big fill, a distance of 600 feet westerly with broken stone from 15 to 18 inches deep and covered with stone chips from the lime kilns.

Pine street was extended from the center of Howard street southerly, a distance of 4,278 feet to the center of Park avenue, and a street, called in this report Lakeside avenue, was opened from a point on the extension of Pine street, 2,128 feet distant from the center of Howard street, to the lake shore, a distance of 1,950 feet.

The above two streets were not fully completed but will be finished during the coming year.

The macadamizing of Pearl street from Williams to Prospect street, which was commenced in 1891 was completed this year.

Fifteen street crossings have been laid during the year as follows:

## STONE CROSSINGS.

One across St. Paul street at Spruce street, north side.

One across Spruce street at St. Paul street, east side.

## CONCRETE CROSSINGS.

One across Adams street at Elm street, east side.

One across Champlain street at North street, north side.

One across Champlain street at North street, south side.

One across College street at Williams street, east side.

One across Lafountain street at North street, north side.

One across Murray street at North street, south side.

One across North street at Elmwood avenue, west side.

One across North street at Lafountain street, east side.

One across North street at Murray street, west side.

One across North street at Champlain street, east side.

One across North street at Champlain street, west side.

One across Rose street at North street, north side.

One across Williams street at College street, south side.

The following table shows the amount of curbing, paving gutters, flagging laid, and concrete walk built during the year 1892.



	Curbing.	Paving.	Flagging.	Concrete.
Adams street.....	321.5 ft.	321.5 ft.	ft.	499. ft.
Bank street.....	548.5	548.5		
Champlain street.....				141.5
Cherry street.....	773.42	773.42		1,109.5
Church street.....	86.	86.		157.5
College street.....				1,366.13
Grant street.....	403.5	403.5		440.17
Hickok place.....	90.	90.		90.
King street.....				222.
Main street.....				194.
Maple street.....				283.5
North street.....	1,983.42	1,983.42		
Pine street.....	371.92	371.92		416.5
St. Paul street.....				320.25
Summit street.....	765.42	765.42	255.	
Union street.....	397.33	397.33		180.
University place.....	173.	173.		
Winooski avenue.....				25.25
Totals.....	5,914.01ft.	5,914.01ft.	255. ft.	5,445.3 ft.

The following table shows the amount of concrete laid in the city during the past year:

Where Laid.	Amount.
Adams street sidewalk.....	221. 77 Square Yards,
Champlain street sidewalk.....	94.33    "    "
Cherry street sidewalk.....	616.33    "    "
Church street sidewalk.....	194.11    "    "
College street sidewalk.....	832.37    "    "
Grant street sidewalk.....	264.22    "    "
Hickok place sidewalk.....	50.00    "    "
King street sidewalk.....	123.33    "    "
Maple street sidewalk.....	157.44    "    "
Pine street sidewalk.....	231.33    "    "
Union street sidewalk.....	98.66    "    "
Winooski avenue sidewalk.....	21.61    "    "
Church street road bed.....	1,815.66    "    "
Thirteen street crossings.....	298.66    "    "
City Hall Park walks.....	530.44    "    "
Private work.....	3,145.15    "    "
Total.....	8,695.41 Square Yards.

Respectfully submitted,  
**HERALD STEVENS,**  
*Superintendent of Streets.*

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REPORT  
OF THE  
CITY ENGINEER.

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*To the City Council of the City of Burlington:*

GENTLEMEN :—The annual report of the City Engineer for the year 1892 is respectively submitted herewith:

My services have been required chiefly in connection with the streets and sewers.

On the streets, lines and grades have been given for the following work: Curbing and concrete walk on Hickok Place, Pine, Cherry and Grant streets; curbing and flagging on Summit street; curbing on Church, Union, Bank, Summit and North streets, also on University Place; concrete walk on College, Adams, Union, Cherry, Champlain, Battery and King streets. For a good portion of this work preliminary stakes were set for the benefit of interested parties.

The work attendant upon the concrete paving of Church street was considerably increased, owing to the manner in which the paving was done and the uneven curb lines.

The work has all been measured, except that done by Mr. Goodell, and for which he settled directly with the abutting property owners, and record of the same kept. Considerable work was required in connection with the opening of the extension of Peru and Pine streets and of Lakeside avenue.

Besides this constructive work, surveys, plans and profiles have been made relative to the establishment or change of grade upon Willard, Buell, Union, Peru, George, Murray and Prospect streets, also on University Place.

All the lines, grades and elevations required in building the sewers in Winooski avenue, Bank, Champlain, Battery (No. 1 and No. 2), Smith's lane, Monroe and Prospect streets have been given in accordance with the plans adopted by the city, except in the case of Champlain street and Smith's lane sewers, where slight deviations were deemed advisable; while the sewer pipe laid in Prospect street is of a temporary character, though considered all that the location requires. After the sewers were completed they have been measured, noting both the connections and property front, and the same carefully recorded.

Street lines and grades have been given to all applicants who contemplated building or improving their grounds.

Regarding prospective work on the sewers, I would respectfully call your attention to the northern section of the city, where there are several streets that are not only sadly in need of sewers, but the abutting property owners are desirous of connecting; they are, however, at present unable to do so, owing to the fact that the main sewer that would join this district to our present system, passes through streets that are as yet sparsely peopled and on which no sewer is called for. It is hoped that the amendments to the city charter, passed by the last legislature, will afford a means of relieving this part of the city.

A storm overflow should be constructed at Maple street to relieve Battery street sewer. This sewer occasioned considerable trouble the past season. Owing to the change of

grade and the peculiar construction of a portion of its length below that point, the sewer seems unable to carry all the storm water that is brought to this point. This branch of the system is the one that is being the most rapidly extended and more trouble may be expected unless some measure is taken to relieve it.

The sanitary conditions of a sewer are dependent not only upon the quality of its construction, but also upon its cleanliness and ventilation.

No better way has yet been devised for cleansing a sewer than by thorough flushing. In our combined system this is accomplished to quite a degree in our main sewers by the rain storms during the summer months. But all the dead ends can only be flushed by connecting to the nearest hydrant with hose, which in many instances requires long lengths that not only entails considerable expense, and annoyance to travel, but greatly decreases the efficiency of the stream. To avoid all these objections, a direct connection should be made with the water mains, controlled by a gate. By this arrangement one man can more effectually clean the sewers in less time and with less water than two or three men can by the present method.

The roof water should be taken in through the house drains, though due care should be taken regarding the manner of making the connections. This roof water is the most practical and efficient means of keeping the laterals in a proper condition.

The situation at the outfall sewer has been under consideration by a special committee. Owing to the temporary measures taken early in the spring and the unusual high water

in the lake during the hot season, no complaints have been entered. Regarding permanent improvements which the conditions so much demand, considerable time has been spent in inquiry and investigation by the committee, and it is thought that a satisfactory solution of the problem has been found, and to that end negotiations are in progress between this City and the Rutland Railroad.

I desire most respectfully but earnestly to call the attention of your Honorable Board to the condition of the street lines. It is only at the expense of much time and with much perplexity that the Engineer is able to give the lines of many of the streets, and in several cases they are at best only approximate. The latest authentic map which gives any considerable area of the town was made in 1848, and includes only that part of the City lying between Pearl and Main streets, as it then existed.

I would recommend that the city appropriate a sum each year to be expended in making a careful and accurate survey of the streets and marking the lines in a way that would not only be permanent, but also accessible at all seasons of the year. A map made from these surveys would be of very great value to the Street department, as well as the City Engineer, and if to such a map all property lines were added, it would be of material value to the city assessors, and also to all real estate owners, as a map for reference.

The following is a tabular statement of work done on the streets and sewers, and is based on the previous report of the City Engineer :



	1892.	Total. Miles.
Length of roads opened in city limits.....	6,527 feet.	57.486
“ macadamized and paved roads....	5,818 “	9.951
“ graveled roads.....		12.189
“ sidewalk curbed and flagged ....	255 “	8.628
“ sidewalk curbed and concreted ..	1,638.84 “	
“ sidewalk concreted (previously) curbed).....	3,772.71 “	2.841
“ sidewalk curbed only.....	4,020.17 “	5.420
“ sidewalk concreted only.....	33.75 “	.788
		Total.
Number of stone crossings.....	2	169
“ concrete crossings.....	13	23
“ street basins.....	7	133
“ sewer connections.....	76	
“ “ “ (Total since 1887.)		379

### LENGTH OF SEWERS BUILT IN 1892.

10 inch Vitrified pipe.....	1,371.8 feet.
12 “ “ “ .....	2,707.3 “
	<hr/>
	4,079.1 feet.

### SEWER RELAID, 1892.

15 inch Vitrified pipe, Church street.....	403.5 feet.
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## TOTAL LENGTH OF SEWERS.

Size.	Cement Pipe.	Brick.	Vitrified Pipe.	Stone.	Totals.
8 inch.	365. ft.	-----	1,017.3 ft.	-----	1,382.3 ft.
10		-----	3,049.8	-----	3,049.8
12	9,680.	-----	39,939.2	-----	49,619.2
15		976. ft.	3,765.5	-----	4,741.5
18	3,436.5	1,788.2	4,243.5	-----	9,468.2
20		-----	202.5	-----	202.5
24	360.	1,748.	1,207.5	-----	3,315.5
30		2,602.	-----	-----	2,602.
36		5,079.9	-----	-----	5,079.9
48		1,047.5	-----	-----	1,047.5
36-48		-----	-----	1,600 ft.	1,600.
60		125.	-----	-----	125.
72		600.	-----	-----	600.
Totals----	13,841.5ft.	13,966.6 ft.	53,425.3 ft.	1,600 ft.	82,833.4 ft.

Equal to 15.688 miles.

Respectfully submitted,

H. M. McINTOSH,

*City Engineer.*

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## FOURTH ANNUAL REPORT

### OF THE

# Water Commissioners.

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*To the Honorable the City Council, City of Burlington :*

GENTLEMEN :--The Water Commissioners would respectfully present the following report for the year ending December 31st, 1892 :

The City Treasurer reports having received \$39,530.37 for water during the past year, an increase of \$3,941.18 over the receipts of 1891.

For the details of the work of the department we refer you to the report of the Superintendent herewith presented. We are pleased to note a slight decrease in the pumpage of the past year, indicating a corresponding decrease in the immense waste of water that is constantly made apparent to this board.

This waste, occasioned in some instances by the shallowness of the mains, but in most cases by exposed plumbing on private property, will, if it is allowed to continue, within a short time cause our consumption to exceed the capacity of our pumps.

We feel sure that your Honorable Board and our fellow citizens at large, will agree with us as to the advisability of

delaying as long as consistent, the expenditure requisite for new pumps, and will heartily co-operate with us in our efforts to check waste, by the extension of the meter system and gradual replacing of shallow mains.

We desire to express to your Honorable Body our hearty appreciation of your acts during the year, in the carrying out of former recommendations, and would respectfully again refer you to such as have not been acted upon.

We feel called upon to bring to your attention the situation of the present intake of our water supply, in connection with the plan recently adopted for carrying the sewage into the lake outside the docks, making thereby a possible danger of contamination of the water at our present source of supply.

It is important that the conditions now existing should not be made hazardous to the public health, and inasmuch as there seems to be no other practicable way than that adopted relative to the sewer outlet, the intake of our water supply should be extended *as soon as it can consistently be done* to such location in the lake as to prevent any possible danger.

Respectfully submitted,

J. W. GOODELL,	}	<i>Water Commissioners.</i>
A. H. PARKER,		
L. C. GRANT,		

TWENTY-SIXTH ANNUAL REPORT  
 OF THE  
 SUPERINTENDENT  
 OF  
 WATER WORKS.

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*To the Honorable Board of Water Commissioners of the  
City of Burlington :*

GENTLEMEN :—The following is a statement of the receipts and disbursements of the Burlington City Water Works for the year ending December 31st, 1892 :

AVAILABLE FUNDS FOR THE USE OF THE WATER DEPARTMENT.

Balance from 1891 .....	\$ 253 68
Sale of pipe, meters, etc. ....	899 75
Appropriations .....	18,750 00
	<hr/>
Total .....	\$19,903 43

RECEIPTS.

From G. D. Weller, City Treasurer .....	\$19,902 77
	<hr/>
Unexpended balance .....	\$0.66



## DISBURSEMENTS.

## CONSTRUCTION.

Gate and cut-off boxes .....	\$ 40 00
Labor on services .....	236 40
Labor on mains .....	197 99
Cast iron pipe, packing and lead .....	543 50
Hydrants .....	90 00
	<hr/>
	\$1,107 89

## CURRENT.

Pay rolls .....	\$2,674 14
F. H. Crandall, Superintendent, salary one year...	1,000 00
Material for management and repairs .....	547 66
Office expenses .....	373 38
Horse keeping, shoeing, repairs, etc. ....	343 83
Prof. Sedgwick professional services, and other ex- penses attendant upon making a report with recommendations relative to the location of the intake .....	335 00
Material purchased and used for and at the expense of others .....	247 21
Repair of Hydrants .....	202 79
Bills for labor .....	138 45
Gate and cut-off boxes .....	131 40
Cleaning and painting high service tank .....	114 98
Freight and express charges .....	99 68
J. W. Goodell, chairman, salary .....	64 48
Hydrants .....	60 00
F. H. Parker, chairman, salary .....	35 52
Repair of Tools .....	33 30

## Replacing Cement Pipe :

Pipe.....	2,683 79
Labor.....	1,432 70
Packing and lead.....	556 93
Gates.....	556 74
	<hr/>
	\$11,631 98

## PUMPING.

Fuel.....	\$ 3,022 63
Pay rolls.....	2,008 49
Repairs to machinery.....	310 42
Supplies.....	156 66
Repairs to motor.....	89 14
Repairs to building and grounds.....	13 62
	<hr/>
	\$ 5,600 96

## METERS.

Meters.....	\$ 912 10
Pay rolls.....	510 56
Material for management and repairs.....	139 28
	<hr/>
	\$ 1,561 94

## RECAPITULATION.

Construction.....	\$ 1,107 89
Current.....	11,631 98
Pumping.....	5,600 96
Meters.....	1,561 94
	<hr/>
	\$19,902 77

We hereby certify that we have examined the vouchers and accounts of the Superintendent of City Water Works, from January 1st, to December 31st, 1892, and find the same correct.

M. H. STONE, }  
 H. R. WING, } *Auditors.*  
 W. C. ISHAM, }

## WATER PUMPED.

1892.	Gallons.
January .....	19,653,075
February .....	22,999,400
March .....	22,952,750
April .....	21,081,975
May .....	23,448,775
June .....	25,157,425
July .....	27,569,400
August .....	26,303,525
September .....	26,734,050
October .....	25,059,600
November .....	22,747,950
December .....	24,382,650
Total, 1892 .....	288,090,575
Total, 1891 .....	298,500,575
Decrease in 1892 .....	11,410,000
Daily average in 1891 .....	817,809
Daily average in 1892 .....	789,289

## SERVICES.

There have been added 57 services of the following sizes :

Two .....	4	inch.
One .....	3	"
One .....	2½	"
One .....	2	"
Two .....	1	"
Two .....	¾	"
Forty-eight .....	½	"

Two ½ inch services have been discontinued.

## SUPPLY PIPE.

Two hundred and seventeen feet of half inch galvanized iron supply pipe in Maple street extending easterly from St. Paul street has been discontinued since the laying of a cast iron main in that street.

Total length now in use.....21,769 feet.

## MAINS.

New mains have been laid in the following streets :

## WITH FOUR-INCH CAST IRON PIPE.

Bay View street easterly from dead end..... 242 feet.

## WITH SIX-INCH CAST IRON PIPE.

Maple street from St. Paul street to Church street. 373 feet.

Total length on new mains..... 615 feet.

The cement pipe in the following streets has been replaced this season :

## WITH FOUR-INCH CAST IRON PIPE.

Adams street from St. Paul street to Elm street... 776 feet.

## WITH SIX-INCH CAST IRON PIPE.

Winooski avenue from College street to Bank street 395 feet.

Bank street from Winooski avenue to St. Paul street..... 760 “

Adams street from Elm street to Union street..... 470 “

## WITH TEN-INCH CAST IRON PIPE.

Battery street from Battery Place to North street.. 882 feet.

Total length of cement pipe replaced..... 3,283 feet.

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 LENGTH OF PIPE NOW IN USE.

Cement.....	81,056 feet.
Iron.....	85,591 "

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Total feet of pipe.....166,647 feet.

Total miles of pipe.....31.56

## HYDRANTS.

Lang post hydrants located as follows have been set during the past season :

University Place at Billings Library.

“ “ South college.

Colchester avenue at Hospital.

Corner Prospect and Main streets.

“ Mansfield avenue and Loomis street.

“ Prospect and Pearl streets.

“ Battery street and Smith's lane.

Colchester avenue at Chase street.

All the above replace other hydrants.

The first six are post hydrants with steamer nozzle, and in every case except that at the corner of Pearl and Prospect streets, where a ground hydrant was replaced, they replace post hydrants. The last two also replace ground hydrants. Four hydrants have been raised or lowered to suit the changes of grade.

Total number of public hydrants.....148

“ “ “ private hydrants.....24

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Total.....172



## GATES.

The following gates have been discontinued :

Crombie street at Winooski avenue.....	1	4	inch.
“ “ “ Interval avenue.....	1	4	“
Bank “ “ St. Paul street.....	1	4	“
Union “ “ Main street.....	1	4	“
Battery “ “ Battery Place.....	1	4	“
Smith's lane “ Battery street.....	1	4	“
Total.....	6		

The following gates have been set this season :

Crombie street at west line of Winooski avenue...	1	4	inch.
“ “ “ east “ Interval avenue....	1	4	“
Union “ “ south “ Main street.....	1	4	“
Adams “ “ west “ Church street.....	1	4	“
“ “ “ east “ “ “.....	1	4	“
“ “ “ west “ Elm “.....	1	4	“
“ “ “ east “ “ “.....	1	4	“
Adams “ “ west “ Union “.....	1	6	“
Bank “ “ east “ St. Paul “.....	1	6	“
“ “ “ west “ Church “.....	1	6	“
“ “ “ east “ “ “.....	1	6	“
“ “ “ west “ Winooski avenue....	1	6	“
Winooski avenue at north line of Bank street.....	1	6	“
“ “ “ south “ “ “.....	1	6	“
Smith's lane at east line of Battery street.....	1	6	“
Maple street at east line of St. Paul street.....	1	6	“
“ “ “ west “ Church “.....	1	6	“
Main street west of Champlain street.....	1	10	“
Battery Place at west line of Battery street.....	1	10	“
Battery street at north line of Battery Place.....	1	10	“

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Two gates have been set on fire services for Cham- plain Manufacturing Company .....	2 4 inch.
	—
Total added .....	22
Total now in use .....	347

The repairs for the year have been:

On cement pipe .....	3 breaks.
“ “ .....	8 leaks.
On iron pipe .....	4 joint leaks.
“ “ .....	1 plug leak.
On service pipe .....	10 leaks.
On broken hydrants .....	17
On broken gates .....	3

The work of replacing wooden stop and gate boxes with iron, wherever necessary, has been continued during the past season. Thirty-four services have been lowered on account of change in grade.

### METERS.

There are now in use 711 meters, an increase of 57 over last year. Of this number, 284 are owned by the consumers, and 422 are the property of the city. Of the water pumped 20 per cent has been used through meters, yielding 48 per cent of the collections.

### PUMPING.

There has been, notwithstanding the increased number of services and increased facilities for waste afforded by the extension of the sewer system, a slight decrease in the amount of water pumped during the past year. That a decrease under the circumstances has been effected, is undoubtedly owing to

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the growing favor in which the meter system is held and the consequent increase in their use. Thus far the department has set but very few meters, in almost every case the meter having been set at the request of the water taker. The pumps are in usual good repair, and if the increase in the use of meters and consequent restriction of waste continues, will be as adequate for our needs for some years to come, as they have been during the years just past.

All of which is respectfully submitted.

F. H. CRANDALL,

*Superintendent.*

## TWENTY-SEVENTH ANNUAL REPORT

OF THE

## CHIEF ENGINEER

OF THE

FIRE DEPARTMENT.

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*To the City Council of the City of Burlington:*

GENTLEMEN:—I have the honor of presenting to you the twenty-seventh annual report of the Fire Department for the year ending December 31st, 1892.

In presenting this, my sixth report, I can safely assure your honorable body that our department has never been in better condition than at the present time. And that we may keep the department at its present efficient standard, I would respectfully suggest that the recommendations contained herein be given your consideration.

The city is to be congratulated that it has been exempt from any serious conflagration during the past year.

## ORGANIZATION AND APPARATUS.

Our organizations are the same as last reported and are in good quarters, with the exception of the Boxer Engine Company, the Howard Hose Company's building being nearly

completed and ready for occupancy. There has been added to the department apparatus a third size Button steam fire engine, which was placed in charge of the A. C. Spear Engine Company on Colchester avenue.

From the trials and tests made with the new steamer engine it seems to be a very satisfactory piece of fire apparatus, and can be depended upon for good service in that part of our city which has a low water pressure. The other apparatus is all in good condition. The old Boxer engine has been entirely rebuilt, and the Ethan Allen engine placed in good working order.

There has been added to the fire alarm another tower striker in the belfry of the Unitarian church, from which we expect to alarm the firemen in the northern part of the City. But I believe it would best serve the interests of the Fire Department and the city if our fire alarm system was made a double circuit system, whereby the superintendent of fire alarms could locate grounds or breaks in the circuit without necessitating the alarm being out of order for twenty-four hours at a time, which has been the case during the last cold season.

There is in course of construction a sample hose sleigh for the use of one of the hose companies. If this proves satisfactory more will be added for the other companies the coming year. We have about seven thousand feet of hose, of which six thousand feet is in first class condition.

### FIRES.

The department has responded to but twenty-one alarms during the past year, and to but one call from out of town, that being from South Burlington, to which the Ethan Allen



Company responded and were in time to save the house of Henry Dean, after the barns and out buildings were all on fire.

The largest loss caused by fire during the past year was less than thirty-three hundred dollars (\$3,300). This fact should certainly be an argument against additional insurance rates which are being levied upon the property of our city. I think it but justice to our fire companies to say that they respond as quickly, and do as efficient service, as do departments in cities of more than two or three times our size.

The building of a new fire station for the Howard Hose Company was a move in the right direction, as is shown by their roll, which is double its membership of a year ago. We may now expect valuable help from that company at any fire in that part of the city.

### RECOMMENDATIONS.

I recommend that our fire alarm be made a double circuit system ; that a fire alarm be placed in the vicinity of the A. C. Spear Engine Company's building on Colchester avenue, and that some arrangement be made whereby we can attach a striker to one of the steam gongs at the lake.

I further recommend that a building for the Hook and Ladder Company and the Boxer Engine Company be placed on the city market ground, fronting on Main street, also that an addition be built on the A. C. Spear engine house, with all modern conveniences for the accommodation of the new steam fire engine, and that each hose company be supplied with one or more hand fire extinguishers. Also that the engine companies in the City Hall district be supplied with modern hose wagons as being better adapted for fire services of to-day than hose reels, and that some arrangement be made whereby we

can use the street department's horses to draw the hose wagons to fires.

I again earnestly recommend that the salary of the engineers be increased; the chief to receive three hundred dollars (\$300) and the assistant engineers fifty dollars (\$50) each.

### REMARKS.

In the death of our second assistant, George E. Cowlbeck, the city has lost an upright and worthy citizen, and the Fire Department a brave and efficient member, whose loss will be universally regretted.

The Board of Engineers are still in hopes of having the fire limits extended and a proper official inspection made of all buildings located within the fire limits.

You will find appended to this report the company statistics and inventories, rolls, etc., also the record of all fires, causes as far as known, and the losses and insurance paid.

In conclusion I wish to thank your honorable body, the City Clerk and Treasurer, Superintendents Crandall and Stevens, the Assistant Engineers, the Fire Department and all others who have contributed to the interest of the Fire Department and assisted me in the discharge of my duties.

Respectfully submitted,

F. E. PERKINS,

*Chief Engineer.*

## FINANCIAL STATEMENT.

## RECEIPTS.

Appropriations .....	\$5,500 00
“ for Steam Fire Engine .....	2,500 00
“ “ Fire Alarm .....	1,000 00
“ “ unpaid bills of 1891 .....	962 37
Unexpended balance from 1891 .....	138 52
	<hr/>
	\$10,100 89

## DISBURSEMENTS.

Current expenses .....	\$4,298 34
Water Tax .....	1,200 00
Steam Fire Engine .....	2,500 00
Fire Alarm .....	750 00
Bills of 1891 .....	962 37
Unexpended balance .....	140 18
Transferred to Water Department .....	250 09
	<hr/>
	\$10,100 89

A part of the fire alarm appropriation, two hundred and fifty dollars, (\$250) was transferred to the Water Department that there might be a few hydrants with steamer plugs set this fall.

The Board of Engineers have fitted up, (mostly at their own expense) the room occupied by them in the Ethan Allen building, and have in their charge the following city property:

One office desk, 1 office chair, 18 common chairs, 5 pictures, 4 cuspidores, 5 engineer's uniforms, 4 dozen rubber gaskets, 1½ dozen spanners, 10 ladder straps, 4 butt straps, 5 engineer's lanterns, 10 engineer's rubber coats, 4 common lanterns, 5 brass hose rings.

## COMPANY STATISTICS.

### HOOK AND LADDER COMPANY, NO. 1.

Foreman, T. P. DONAHUE.

1st Assistant, A. J. Buhl.	Clerk, J. FITZSIMMONS.
2d Assistant, F. F. MILLER.	Treas., P. H. FITZSIMMONS.
3d Assistant, H. PHILLIPS.	Steward, M. BUTLER.

#### ROLL FOR 1892.

Brown, M.	Denning, J. S.	Mead, L. D.
Bull, A. J.	Donahue, T. P.	Miller, F. F.
Butler, T.	Fitzsimmons, P. H.	Monta, J.
Butler, M.	Fitzsimmons, J.	Morrison, A.
Croto, J.	Garrey, M.	Phillips, H.
Couture, A.	Haley, E.	Sutton, E. M.
Daley, J. W.	Hazen, A.	Smullens, E.
Daley, F. C.	McCarty, J.	Welch, T.
Denning, Wm.	Martin, A.	

#### CITY PROPERTY IN CHARGE OF HOOK AND LADDER COMPANY NO. 1, JANUARY 1st, 1893.

One truck, 2 iron bars, 2 forks, 5 roof chains, 2 guy ropes, 1 hammer, 1 monkey wrench, 1 iron jack, 2 large hooks with ropes and chains attached, 1 medium hook with rope and chain attached, 275 feet rope, 3 lanterns, 2 side lamps, 1 head lamp, 14 rubber coats (8 almost useless), 3 pairs rubber mittens, 5 pairs woolen mittens, 4 axes, 5 rubber caps, 1 65-foot Bangor extension ladder, 1 58-foot splice ladder, 1 42-foot ladder, 1 38 feet ladder, 10 pikes, 9 braces, 50 feet garden hose, 1 indicator, 1 coal stove and pipe, about 1,500 pounds coal, 1 dust pan, 1 small oil can, 1 large oil can, 1 table, 1 mop, 1 coal shovel, 1 duster, 1 sponge, 1 sprinkler, 1 chamois skin, 1 extra tongue,

1 extra set of whiffletrees, 1 single whiffletree, 1 set double harness consisting of breastplate and bridle, 1 coal hod,  $\frac{1}{2}$  pint sperm oil.

In meeting room, "Exchange Block," 46 common chairs, 6 arm chairs, 2 desks, 1 table, 14 cuspidores, 1 broom, 2 tin pails, 1 snow shovel, 1 duster, 1 wardrobe,  $\frac{1}{4}$  cord of wood.

All of the above property in good condition, except those specified.

### STAR HOSE COMPANY NO. 2.

Foreman, F. C. CROSSMAN.

1st Assistant, GEO. C. BREW. Secretary, S. TAYLOR.

2d Assistant, A. W. BRIGGS. Treasurer, A. H. DUHAMEL.

Auditor, J. W. CAMPBELL.

#### ROLL FOR 1892.

Brady, T. E.	Davis, F. L.	Lane, C. H.
Brew, G. C.	Delaney, T. A.	Lapointe, T.
Brew, H.	Dougherty, F. A.	Laury, N.
Brew, E.	Duhamel, A. H.	Lee, H. H.
Briggs, A. W.	Everest, H.	Proulx, F.
Campbell, J. M.	Grant, L. C.	Pine, L.
Carrington, A. W.	Hewett, Wm.	Riley, Wm.
Cota, C. H.	Ladam, O.	Ryan, J. H.
Crossman, F. C.	Lane, G. W.	Taylor, S.

#### CITY PROPERTY IN CHARGE OF STAR HOSE COMPANY NO. 2.

JANUARY 1st, 1893.

One hose cart, 1000 feet cotton, rubber-lined hose, 1 indicator, 1 iron bar, 1 dust pan, 1 service pipe, 1 water pail, 1 practice pipe, 6 cuspidores, 10 pairs rubber mittens, 6 rubber caps, 1 coal hod, 1 hydrant wrench, 7 rubber coats, 1 monkey wrench, 6 spanners, 3 ladder straps, 1-8 foot step ladder, 1 hose



patch, 1 small oil can, 1 coal shovel, 2 tables, 1 perfection nozzle and holder, 2 desk lamps, 8 bracket lamps, 6 common chairs, 3 settees, 1 coal stove, 1 wood stove, 1 snow shovel, 1 ton coal, 1 load hard wood, 1 broom, 1 fire shovel, 1 large oil can, 65 feet  $\frac{1}{2}$ -inch rope with hooks.

### BOXER ENGINE COMPANY NO. 3.

Foreman, GEORGE G. MUNSON.

1st Assistant, CHAS. HUGHES. Clerk, CHAS. A. BETTIS.

2d Assistant, A. A. ARCAND. Treasurer, GEO. G. MUNSON.

Auditor, JOHN J. YOUNG.

#### ROLL FOR 1892.

Arcand, A. A.	Lefebvre, N.	Munson, S. E.
Barrett, J. H.	Lord, D. J.	Pratt, Ed.
Benoit, M.	Lucia, Moses	Riley, Ed.
Bettis, C. A.	McGowen, E.	Ross, Chas.
Bettis, W. H.	Menen, Frank	Savage, Joseph
Delomchamp, Jos.	Mercier, N.	Shambo, Wm.
Dooley, T. E.	Mercier, E.	Sullivan, Jas.
Gokey, W.	Miller, A.	Tatro, A. J.
Hamlin, M.	Miller, Peter, Jr.	Titze, A.
Hughes, Chas.	Mitchell, Dan.	Tyler, Geo. O.
Kennedy, H. H.	Mitchell, Jacob	Valiquette, F.
Lavois, Joseph	Munson, Geo. G.	Winkle, Geo.
		Young, J. J.

CITY PROPERTY IN CHARGE OF BOXER ENGINE COMPANY NO. 3,  
JANUARY 1st, 1893.

In hall of company, 6 office chairs, 26 common chairs, 1 table in poor condition, 12 iron cuspidores, 1 stove and stove-pipe, 1 oil cloth in poor condition.

In engine and hose room, 1 hand engine fully equipped, 1 new cart, 1 old cart, 1050 feet hose in good condition, 2 play

pipes and 1 holder, 4 good rubber coats, 1 bad rubber coat, 4 pairs rubber mittens, 8 pairs yarn mittens, 16 spanners, 2 axes and bars with cart, 50 feet poor garden hose, 5 ladder straps, 2 butt straps, 1 oil can, 1 carpet sweeper, 1 broom, 2 monkey wrenches, 1 hammer, 4 lanterns, 1 good brush for cleaning hose, 2 sponges, 1 chamois skin, 2 shovels, 1 jack, 4 poor settees, 1 indicator, 5 good crockery spittoons, 1 frame for rules and regulations, 1 frame for list of alarm boxes, 3 hydrant wrenches, 1 map, 1 floor scrubber, 1 rubber wiper, 1 stove brush, 2 gallon oil cans.

#### ETHAN ALLEN ENGINE COMPANY NO. 4.

Captain, W. H. LANE, Jr.

1st Assistant, F. B. BOYNTON.	Treasurer, C. E. KINSMAN.
2d Assistant, W. E. MORSE.	President, F. E. PERKINS.
Secretary GEO. E. JOHNSON.	Vice-Pres., D. J. FOSTER.

#### AUDITORS.

F. H. WELLS.	F. L. TAFT.	W. C. ISHAM.
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#### PIPEMEN.

No. 1, W. M. Faulkner.	No. 5, E. A. LaFountain.
" 2, Frank Brown.	" 6, B. M. Lambkin.
" 3, A. L. Walker.	" 7, E. S. Lane.
" 4, B. B. Beeman.	" 8, H. D. Swift.

#### HYDRANTMEN.

No. 1, W. C. Isham.	No. 5, Geo. H. Holden.
" 2, G. L. LaFountain.	" 6, J. A. Kelley.
" 3, C. H. Whitney.	" 7, A. W. Hill.
" 4, W. B. Gates.	" 8, E. H. Burgess.

## ROLL FOR 1892.

Abernethy, F. D.	Holden, Geo. H.	Murray Moses
Ashley, Geo. E.	Isham, W. C.	Palmer, C. R.
Ballard, F. W.	Isham, F. A.	Perkins, F. E.
Bates, J. L.	Isham, A. S.	Powers, C. H.
Beeman, B. B.	Johnson, Geo. E.	Roberts, Robert
Bell, Geo. F.	Johnson, S. M.	Shanley, H. J.
Berry, M. C.	Jones, W. B.	Stiles, G. Q., Jr.
Boynton, F. B.	Kelley, J. A.	Storrs, O. S.
Bradish, F. F.	Kinsman, C. E.	Sullivan, J. W.
Brown, Frank	Lambkin, B. M.	Swift, H. D.
Burgess, E. H.	Lambkin, E. R.	Taft, F. L.
Burgess, F. E.	Lane, Jr., W. H.	Tyndall, C. A.
Clarkson, E. E.	Lane, E. S.	Walker, Solomon
Cobb, E. P.	LaFountain, G. L.	Walker, A. L.
Cook, J. E.	LaFountain, E. A.	Ward, C. F.
Cushman, J. E.	Lavelle, John	Ward, H. L.
Faulkner, W. M.	Lord, G. M.	Weller, W. E.
Fisher, F. H.	Lyman, Elias.	Wellman, J. A.
Flynn, J. J.	McMahon, M. D.	Wells, F. H.
Foster, D. J.	Miller, F. H.	White, F. G.
Gates, W. B.	Miller, C. C.	Whitney, C. H.
Hall, Willis P.	Morse, W. E.	Whitney, G. W.
Hill, A. W.	Moody, G. F.	

## CITY PROPERTY IN CHARGE OF ETHAN ALLEN ENGINE COMPANY

NO. 4, JANUARY 1st, 1893.

One Jeffers hand engine in good order, 2 hose carts, 1 hose sled, 1,250 feet rubber lined hose in good order, 100 feet old hose, 100 feet garden hose, 1 deluge set, 1 perfection holder and nozzle, 1 old leather pipe, 1 rubber lined pipe, 7 hose jackets, 8 reducers, 20 spanners, 8 new rubber coats, 5 old rubber coats, 4 pairs rubber mittens, 6 pairs yarn mittens, 4 butt

straps, 8 ladder straps, 4 hydrant wrenches, 10 extra nozzles, 2 monkey wrenches, 2 Edison's chemical extinguishers, 1 dozen chemical charges, 1 hammer, 3 brooms, 1 wagon jack, 2 window cleaners, 2 dust-pans, 2 mops, 2 pails, 1 snow shovel, 3 sponges, 1 duster, 5 cuspidores, 1 counter brush, 2 chamois skins, 2 coal hods, 2 coal shovels, 3 oil cans, 2 lanterns, 1 window brush, 5 rubber caps, 1 old chisel, 1 screw driver, 65 feet  $\frac{1}{2}$  inch rope with hooks.

### HOWARD HOSE COMPANY NO. 5.

Foreman, JAMES COSGROVE.

1st Assistant, N. BROCK.

Clerk, W. ESTES.

2d Assistant, J. MONTY.

Treasurer, T. B. COFFEY.

Auditor, J. R. MURPHY.

#### ROLL FOR 1892.

Black, John	Estes, Wm.	Murphy, J. R.
Brown, Henry	Fagga, Wm.	Ploof, Jos.
Bean, C.	Graton, M. C.	Perrault, Frank
Battise, Edw.	Larose, F.	Shanon, Thomas
Brock, Nelson	McDonald, John	Russell, Patrick
Carlin, Joseph H.	McGrath, Owen	Russell, Thomas, Jr.
Coffey, T. B.	McGrath, Wm.	Russell, Michael
Cosgrove, H.	McGrath, J. P.	Ryan, William
Drew, A. A.	Miller, Joseph	Ryan, James
Deguisse, G.	Monty, Joseph, Jr.	Tiffany, G. L.
Dolan, C. L.	Murphy, John	Washburn, Frank, Jr.

CITY PROPERTY IN CHARGE OF HOWARD HOSE COMPANY NO. 5,  
JANUARY 1st, 1893.

One indicator, 1 hose cart, 3 spanners, 3 ladder straps, 3 patches, 1 hydrant wrench, 5 rubber mittens, 10 rubber caps, 6 coats, 1 snow shovel, 1 stove, 1 map, 1 broom, 1 oil can, 2 tables

in poor condition, 17 chairs in poor condition, 1 pipe, 1 handle pipe and holder, 1 lantern, 2 pails, 3,000 pounds of coal, 1 load of wood, 1 ladder rope, 1 axe, 1 bar, 1,000 feet of hose, 65 feet inch rope with hooks.

### BARNES HOSE COMPANY NO. 7.

Foreman, W. J. MURPHY.

1st Assistant, M. M. HEFFRON. Secretary, P. J. McGRATH.

2d Assistant, M. CUMMINGS. Treasurer, H. W. O'CONNER.

Auditor, G. L. NEAL. Trustee, ALEXANDER CROSBY.

#### EXECUTIVE COMMITTEE.

M. McGRATH.

P. CURLEY.

W. V. SMITH.

S. P. KENNEDY.

#### ROLL FOR 1892.

Brew, E. C.

Keefe, M.

Moran, J.

Cota, A.

Kennedy, P.

Murphy, W. J.

Cummings, M.

Larrow, F.

Neal, G. L.

Curley, P.

Lynch, M.

O'Conner, H. W.

Delaney, J.

Lynch, B.

Paul, C.

Donlin, J.

Maher, W. P.

Smith, W. V.

Finneran, J. H.

McGrath, P. J.

Smith, J.

Griffin, J. S.

McGrath, M.

Sullivan, P.

Grogan, M. J.

McKernan, C.

Sullivan, D. G.

Heffron, M. M.

Morse, P.

Welch, P.

CITY PROPERTY IN CHARGE OF BARNES HOSE COMPANY NO. 7,  
JANUARY 1st, 1893.

One service cart, 850 feet hose, 500 in good condition, 350 feet in poor, 6 rubber coats, good, 6 rubber caps, 4 pairs rubber mittens, 2 service pipes, 1 patent holder, 8 spanners, 1 wrench, 1 brass cut-off, 1 goose neck, 75 feet  $\frac{1}{2}$ -inch hose in good condition, 2 stoves and pipes, 1 coal hod, 1 iron shovel,



1 snow shovel, 1 whifletree, 1 axe, 2 hanging lamps, 4 common lamps, 1 mirror, 32 common chairs, 3 desk chairs,  $1\frac{1}{4}$  tons of coal,  $\frac{1}{4}$  load of wood, 1 indicator, 2 settees, 50 feet rope, 1 brush, 1 broom, 1 map, 1-14 foot ladder, 1 step ladder, 2 lanterns, 10 cuspidores, 1-5 gallon oil can,  $\frac{1}{2}$ -gallon oil can.

### A. C. SPEAR ENGINE COMPANY NO. 8.

Captain, A. P. BEERS.

1st Assistant, J. W. COLLINS.

Secretary, EDM. BISSON.

2d Assistant, CHAS. KILLAM.

Treasurer, W. W. HENRY.

#### AUDITORS.

C. P. JONES.

F. G. CUDWORTH. J. P. CASEY.

#### ROLL FOR 1892.

Aikey, Edw.	Collins, M.	McLaughlin, J. J.
Allen, J. D.	Collins, J. W.	McAllister, R.
Allen, Lyman	Cudworth, F. G.	Redmond, Thos.
Bosquette, Edw.	Connors, Jno.	Ryder, Lawrence
Beers, A. P.	Dowd, P. F.	Reedy, Frank
Bisson, Edmond	Henry, W. W.	Richards, Bert
Botsford, A. K.	Hanley, Edw.	Ward, Chas.
Cameron, Orville	Jones, C. P.	Walker, Elmer
Carty, Wm.	Killam, C. W.	
Casey, J. P.	Kirby, Edw.	

#### CITY PROPERTY IN CHARGE OF A. C. SPEAR ENGINE COMPANY NO. 8, JANUARY 1st, 1893.

One Button steam engine and attachments, 1 hose cart, 1000 feet cotton rubber fire hose, 1 cotton rubber-lined play pipe, 1 perfection holder and nozzle, 12 spanners, 4 ladder straps, 5 rubber coats, 5 lanterns, 1 hydrant wrench, 1 indicator, 2 wagon jacks, 1 5-gallon oil can, 1 coal stove, 1 wood stove,  $\frac{1}{8}$  cord wood, 2 tons coal (hard), 1 ton cannel coal, 2 loads kindling wood, 1 mop, 2 chamois, 2 sponges, 1 coal hod, 3 hanging lamps, 4 settees, 30 chairs, 5 arm chairs, 2 tables, 6 cuspidores, 3 brooms, 1 6-pound sledge, 1 axe, 1 scoop shovel, 1 3-pound hand hammer, 50 feet garden hose.

## FIRES, 1892.

DATE.	HOOR.	Bo	LOCATION.	OWNER.	PROPERTY.	ORIGIN.	LOSS.	INSUR- ANCE.
Jan. 31	2.00 P.M.	42	Church st.	Turrill and Wires	Business block.	Overheated stove.	\$ 27 00	\$ 27 00
" 31	8.00 P.M.	43	Maple st.	Consumers Ice Co.	Ice house.	Boys smoking.	107 50	107 50
" 31	9.30 P.M.	32	Canfield st.	J. Seth.	Dwelling.	Defective flue.	875 50	856 52
Feb. 8	10.45 A.M.	24	St. Louis st.	F. Brothers.	Dwelling.	Overheated stove.	None.	None.
April 3	6.45 P.M.	43	Howard Park.	Ct. V. t. R. R.	Grass.	Sparks from engine.	"	"
" 6	2.00 A.M.	52	Maple st.	Spaulding, Kimball & Co.	Store house, Ice house, dwelling	Sparks from furnace	3,300 00	3,241 24
May 18	8.30 A.M.	43	Church st.	B. L. Kent.	Candy factory.		5 00	3 75
June 13	6.20 P.M.	42	Church st.	J. W. O'Sullivan.	Drug store.	Alcohol explosion.	50 00	45 59
" 15	1.30 P.M.	46	Lake st.	Baldwin Mfg. Co.	Dry house.	Sparks from engine.	5 00	5 62
July 1	8.10 P.M.	45	Main st.	W. J. Van Patten.	Mill building.	Sparks from boiler.	1,500 00	1,017 50
" 2	12.15 A.M.	32	Bissell st.	J. Benoit.	Dwelling.	Supposed Incend'ry.	500 00	380 00
" 12	4.45 A.M.	45	Centre st.	S. Beach.	Bakery.	Sparks from boiler.	227 50	227 50
Aug 11	1.30 A.M.	24	Interval Ave.	Mrs. F. Barrett.	Dwelling.	Unknown.	650 00	607 75
Sept. 19	12.20 A.M.	35	Battery st.	Spaulding, Kimb'll & Co.	Dwelling.	Matches.	50 00	50 00
" 21	8.40 A.M.	25	So. Union st.	G. W. Beckwith.	Shop.	Boys with matches.	5 00	None.
" 22	11.30 P.M.	45	Centre st.	S. Beach.	Bakery.	Sparks from furnace	79 40	79 40
" 30	8.30 P.M.	45	King st.	Consumers Ice Co.	Store house.	Boys smoking.	10 00	10 00
Oct. 7	2.45 P.M.	53	Pine st.	Baldwin Mfg. Co.	Shaving shed.	Sparks from boiler.	1,000 00	948 42
Dec. 15	6.15 P.M.	27	First st.	O. S. Dodds.	Dwelling.	Lamp explosion.	None.	None.
" 23	7.30 P.M.	42	Church st.	H. C. Smith Est.	Market.	Defective flue.	658 25	658 25
" 28	1.50 P.M.	53	St. Paul st.	T. S. Kennedy.	Market.	Oil stove.	2 00	2 00
							\$9,052 15	\$8,262 04

## REPORT

OF THE

## Overseer of the Poor

For the Year Ending December 31st, 1892.

*To the Honorable the City Council:*

GENTLEMEN.

The statement of the receipts and disbursements for the year ending December 31st, 1892, is as follows:

## RECEIPTS.

Balance from city treasurer's account, 1891.	\$ 113 50
Cash from city treasurer, 1892 .....	3,621 95
Cash from Peltier estate.....	72 50
Receipts from sale of farm produce.....	212 52
	—————\$4,020 47

## DISBURSEMENTS.

Aid furnished 137 persons or families.....	\$2,092 52
Paid for coal on hand.....	172 50
Salary overseer a of the poor.....	500 00
Salary Dr. A. A. Letourneau.....	\$150 00
Salary Dr. C. L. Webster.....	50 00 200 00
	—————\$2,965 02

POOR-HOUSE EXPENDITURES.

Chas. Ozier, superintendent, salary .....	\$400 00
Coal .....	102 63
Taxes .....	14 37
Other expenses .....	538 45
	-----\$1,055 45
	-----
	\$4,020 47

This certifies that we have examined the accounts and vouchers of G. A. Rumsey, Overseer of the Poor, from January 1st, 1892, to December 31st, 1892, inclusive, and find the same correct.

M. H. STONE, }  
H. R. WING, } *Auditors.*  
W. C. ISHAM, }

INVENTORY OF FARM DECEMBER 31, 1892.

PRODUCE ON HAND.

25 Tons hay.	340 Pounds beef.
140 Bushels potatoes.	70 Pounds lard.
5 Bushels turnips.	50 Pounds butter.
5 Bushels beets.	1½ Bushels onions.
10 Bushels carrots.	1 Barrel flour.
50 Head cabbage.	4 Pounds tea.
115 Bushel oats.	1 Barrel vinegar.
7 Bushel beans.	1 Barrel soap.
10 Bushel corn.	4 Barrels apples.
1150 Pounds pork.	150 Pounds sugar.

STOCK ON HAND.

2 Horses.	5 Shoats.
10 Cows.	35 Hens.
1 Calf.	2 Guinea hens.

## INMATES OF THE POOR HOUSE, DEC. 31, 1892.

Name.	Age.	Nativity.	Cause.	TIME.		
				Yrs.	Mos.	Days.
Harriet Corning.....	76	Burlington ..	Insane.....	11	0	10
Annie Muldoon.....	60	Ireland.....	Insane.....	11	2	8
William Wakefield.....	83	Burlington ..	Destitute ..	9	2	24
Mary Wall.....	46	Ireland.....	Insane.....	8	7	24
Timothy Noonan.....	86	Ireland.....	Insane.....	12	2	23
Daniel Hicks.....	28	Winooski ..	Insane.....	6	7	4
Francis Metcalf.....	58	Burlington ..	Insane.....	1	6	
Mary Diette.....	79	Canada.....	Destitute ..	1	4	
Ellen Phelps.....	39	Hinesburgh ..	Destitute ..	1	4	
Walter Langworthy.....	23	Burlington ..	Destitute ..	1	1	5
Rosie Barney.....	39	Canada.....	Destitute ..		0	9

Admitted during the year, 7.

Discharged during the year, 8.

Died, March 25, 1892, Olive Robar.

Died, July 1, 1892, Mary Denney.

Helped 15 tramps.

## REMARKS.

In submitting my sixth annual report I would again call your attention to the need of improvements in the way of heating the poor house.

The buildings are in good repair, and the farm land has been improved by the addition of forty loads of manure, which have been drawn from the city.

During the year two of the inmates have died of old age.

There has been one person at the farm who has been sick nearly all the year, but otherwise they have been very healthy for so many old people.

There has been an unusual amount of sickness among the outside poor, especially in the spring, and the expenses have



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been somewhat larger than the previous year. No person has been allowed to suffer from hunger or cold if assistance has been called for.

It would be very gratifying to me, and also to the superintendent at the farm, if the people in the city would interest themselves more in the affairs of the poor, and visit occasionally the inmates of the house.

I would kindly thank all who have in any way assisted me in the duties of my office during the past year.

G. A. RUMSEY,

*Overseer of the Poor.*

REPORT  
OF THE  
CITY ATTORNEY.

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*To the Honorable the City Council.*

GENTLEMEN :—All causes referred to in my last annual report have been determined and disposed of, and the only case now pending in which the city is interested is that of Jericho vs. Burlington, an action to recover about fifty dollars for the support of a pauper. The city denies liability.

Respectfully submitted,

A. G. WHITTEMORE,

*City Attorney.*

Burlington, Vt., Jan. 1st, 1893.

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REPORT  
OF THE  
CHIEF OF POLICE.

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*To the Honorable the City Council:*

GENTLEMEN:—I have the honor to submit this, my annual report of the Police Department, for the year ending December 31st, 1892, showing the present strength and condition of the force, and reviewing briefly the duties performed by it during the past year.

The Department consists of 45 commissioned policemen. Of these 33 are watchmen at the several manufactories, without expense to the City. The remaining twelve are stationed as follows :

Four on Church street, two each night alternately ; two on North street, one each night alternately ; two in second ward, one each night alternately ; two in third ward, one each night alternately ; one on Battery street ; one south part of City Sunday night ; one on Pearl street Saturday night and one on duty Sunday.

Unless some unforeseen demand should arise, the strength of the present force is deemed sufficient to meet all requirements.

The expenses of the Department from January 1st, 1892, to January 1st 1893, aggregate \$2,804.00.

Some arrests and seizures have been made by the Sheriff and Deputies that do not come under the Police regulations.

There have been in all 424 arrests, which are classified for each month, respectively as follows :

1892.	Arson.	Assault.	Blanket Act.	Breach of Peace.	Burglary.	Cruelty to Animals.	Keeping house of Ill-fame.	Intoxication.	Larceny.	Obtaining Liquor of Agent under False Pretenses.	Open and Gross Lewdness.	Perjury.	Rape.	Selling Diseased Meat.	Selling Liquor.	Tramp.	Totals.
January..		1		4		1		5	1						7	1	20
February..				4				5	1						2		13
March....				4				12	1						12		29
April.....				12	1			6	1					1	5		26
May.....				8				10	2						9		29
June.....				5		1		19							12		37
July.....	1		3	16				12	8		1	1	2		11		55
August....		1		15		1		28	2						17		64
September				2		1		9	1						7		20
October...		1		5				35	1	1		1			23		67
November	2			2				14	5		2	2			12		39
December				3				11	3						8		25
Totals..	3	3	3	80	1	3	1	166	26	1	3	4	2	1	125	2	424

I return thanks to your Honorable Body for the kindness extended to me in the discharge of my duties during the past year.

Very respectfully,

JEROME DUMAS,

*Chief of Police.*

# REPORT OF THE CITY JUDGE,

FOR THE YEAR 1892.

The total number of prosecutions in City cases brought before the City Court during the year 1892, was 45 against 45 respondents, and they are classified as follows, viz :—

Breach of the peace.....	35
Petit larceny.....	2
Open and gross lewdness.....	1
Illegal fishing.....	1
Setting fire to refuse.....	1
Violation of the City Ordinance.....	4
Refusal to support.....	1
<b>Total.....</b>	<b>45</b>

In said prosecutions, 31 respondents were convicted, 7 were acquitted, and 7 discharged on nolle prosequi.

Total fines and costs collected and paid into the City Treasury.....	\$381 57
Total amount paid by the City Treasurer, as fees to the several persons entitled to the same.....	425 10
Total amount of fines and costs uncollected in cases not appealed.....	90 96



The payment of a large portion of this amount has been guaranteed by persons interested for the respondents, and the same will soon be collected.

If the whole of such amount, including fines and costs be paid, the balance in favor of the City Court will be \$47.43.

The Mayor with the approval of the Board of Aldermen remitted the fine and costs in two cases amounting to \$26.87.

Further information will be furnished upon application to the Clerk of the Court.

Respectfully submitted to the City Council,

HAMILTON S. PECK,

*City Judge.*

Burlington, Vt., Jan. 1st, 1893.

# REPORT

## OF THE

# City Liquor Agency.

*To the City Council of the City of Burlington:*

GENTLEMEN:—I herewith present to you my report from the first day of January 1892, to the 31st day of December 1892, inclusive.

Cash received from sales to citizens.....	\$6,589 73
“ “ “ “ other towns.....	2,230 97
“ “ “ “ of bottles, barrels and jugs	88 30
“ “ “ “ of Desk.....	5 00
	\$8,914 00

Cash paid City Treasurer..... 8,914 00

The quality of goods sold have been the best kept in the city.

No seized goods have been sold or received.

Respectfully,

E. SELDEN.

*City Agent.*

Burlington, January 12th, 1893.

This is to certify that we have examined the sales books of E. Selden, City Liquor Agent, and find that he has received the above amount and paid the same to the City Treasurer.

M. H. STONE, }  
H. R. WING. } *Auditors.*  
W. C. ISHAM, }

# REPORT

## OF THE

# Cemetery Commissioners.

*To the City Council of the City of Burlington:*

GENTLEMEN:—Herewith is respectfully submitted the report of the Cemetery Commissioners for the year ending 31st December, 1892, viz :

### ELMWOOD AVENUE CEMETERY.

RECEIPTS.—(deposited with the City Treasurer.)

Balance on hand with City Treasurer, 1st January,	
1892.....	\$1,120 61
Income from bonds and notes, "Pomeroy fund," ..	1,009 23
Fitting and care of lots.....	152 00
Opening and filling graves.....	77 78
Sale of grass.....	13 00
Monument foundations.....	10 20
	\$2,382 82

DISBURSEMENTS.—(by checks on City Treasurer.)

Services of J. D. Pickering, as Sexton in charge during 1892.....	\$ 388 50
Labor, per time book.....	187 57
Annual Water Rates to the City, to 1 June, 1892....	14 00

Flowers and plants for the "Pomeroy lot,".....	\$ 12 00
Fertilizers and cartage.....	26 85
Tools, materials, painting, grass seeds, furniture and repairs.....	120 80
Stationery and postage.....	8 13
Addition to Tool-house for waiting room, etc.....	109 28
Rubber hose.....	9 00
Balance on hand with the City Treasurer.....	1,506 69
	<hr/>
	\$2,382 82

Number of interments during 1892.....	16
Number of removals to other Cemeteries during 1892 ....	3

## LAKE VIEW CEMETERY.

## RECEIPTS.—(deposited with the City Treasurer.)

Balance on hand with City Treasurer, 1st January, 1892.....	\$829 65
Income from "Trust Funds," etc.....	347 04
Sales of lots.....	784 29
Care of lots.....	763 75
Fitting lots.....	230 10
Opening and filling graves.....	248 50
Vault fees, etc., and sales of old tools.....	22 00
	<hr/>
	\$3,225 33

## DISBURSEMENTS.—(by checks on the City Treasurer.)

Services of Eli Poquette as Sexton in charge during 1892.....	\$ 628 00
Labor, per time book.....	1.156 38
Annual Water Rate to the City.....	100 00
Annual rent of lot to the City.....	15 00
Hay, provender and blacksmithing.....	81 09
Stationery and postage.....	5 55

Flowers and Shrubs.....	\$ 88 00
Soil, fertilizers and cartage.....	174 50
Tools, grass-seeds, etc.....	111 05
Repairs and materials.....	49 80
Surveying and mapping additional lots.....	19 48
Balance on hand with City Treasurer.....	796 48
	<hr/>
	\$3,225 33

Accounts due, uncollected, \$428.

#### SALES OF LOTS.

Number of lots sold to 31st December, 1891.....	1,591
Number of lots sold during 1892.....	24
	<hr/>
Total number of lots sold to 31st Dec., 1892.....	1,615

#### INTERMENTS.

Total number interments to 31st December, 1891.....	1,591
Number of original interments during 1892.....	78
Number of removals from other Cemeteries in 1892.....	1
	<hr/>
Total number of interments to 31st Dec., 1892.....	1,670

J. A. ARTHUR,	}	<i>Cemetery Commissioners.</i>
ELI POQUETTE,		
ALBERT G. PEIRCE,		

We have examined the books, accounts and vouchers pertaining to the foregoing report of the Cemetery Commissioners for the year 1892, and find them correct.

M. H. STONE,	}	<i>Auditors.</i>
H. R. WING,		
W. C. ISHAM,		



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ANNUAL REPORT  
OF THE  
**CITY TREASURER.**

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On account of Lake View and Elmwood Avenue Cemeteries.

*To the City Council of the City of Burlington :*

GENTLEMEN :—I herewith hand you a statement of the resources and liabilities of Lake View and Elmwood Avenue Cemeteries, trust and other funds, in accordance with Chapter 147, sections 3202 and 3203 of the Revised Laws of Vermont, from January 1st, to December 31st, 1892, inclusive :

**BILLS RECEIVABLE—INVESTMENTS.**

**LAKE VIEW CEMETERY.**

RECEIPTS.

From G. D. Weller for his note.....	\$ 150 00
Balance January 1st, 1893.....	7,725 00
	\$ 7,875 00

DISBURSEMENTS.

Amount reported January 1st, 1892.....	\$ 7,875 00
--	-------------

**BILLS RECEIVABLE—INVESTMENTS.****ELMWOOD AVENUE CEMETERY.**

## RECEIPTS.

From amount on hand un-invested .....	\$ 3,000 00
“ City of Burlington for loan .....	1,000 00
“ Balance January 1st, 1893 .....	13,465 00
	<hr/>
	\$17,465 00

## DISBURSEMENTS.

Balance January 1st, 1892 .....	\$12,465 00
Amount invested in John Ward's note .....	3,000 00
“ “ City of Burlington note .....	1,000 00
“ “ City of Burlington School	
Bonds .....	1,000 00
	<hr/>
	\$17,465 00

**LAKE VIEW CEMETERY—TRUST FUNDS.**

## RECEIPTS.

Amount reported January 1st, 1892 .....	\$ 7,875 00
---	-------------

**ELMWOOD AVENUE CEMETERY—TRUST FUNDS.**

## RECEIPTS.

From John N. Pomeroy's estate .....	\$12,465 00
“ Ann Eliza Munson's estate .....	25 00
“ Celestia A. Seaver's estate .....	25 00
	<hr/>
	\$12,515 00

**INTEREST ACCOUNT—LAKE VIEW CEMETERY.**

## RECEIPTS.

From interest on loans .....	\$ 331 26
------------------------------	-----------

## DISBURSEMENTS.

Paid Cemetery Commissioners.....\$ 331 26

**INTEREST ACCOUNT—ELMWOOD AVENUE  
CEMETERY.**

## RECEIPTS.

From interest on loans.....\$ 1,009 23

## DISBURSEMENTS.

Paid Cemetery Commissioners.....\$ 1,009 23

**LAKE VIEW CEMETERY.**

## RECEIPTS.

From balance January 1st, 1892.....	\$ 529 65
“ Cemetery Commissioners.....	2,050 04
“ Interest account.....	331 26
	<hr/>
	\$ 2,910 95

## DISBURSEMENTS.

Paid Cemetery Commissioners, checks.....	\$ 2,414 47
Balance.....	496 48
	<hr/>
	\$ 2,910 95

**ELMWOOD AVENUE CEMETERY.**

## RECEIPTS.

From balance January 1, 1892.....	\$ 1,120 61
“ Cemetery Commissioners.....	252 98
“ Interest account.....	1,009 23
	<hr/>
	\$ 2,382 82

## DISBURSEMENTS.

Paid Cemetery Commissioners.....	\$ 876 13
Balance January 1, 1893.....	1,506 69
	<hr/>
	\$ 2,382 82

## RECAPITULATION.

Amount invested on account Lake View Cemetery..	\$ 7,725 00
“ uninvested on account Lake View Cemetery	150 00
	<hr/>
	\$ 7,875 00

Am't invested on account Elmwood Ave. Cemetery \$14,465 00

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Unexpended balance to credit of Lake View Cemetery	496 48
Also deposit in Burlington Savings Bank.....	300 00
	<hr/>
	\$ 796 48

Unexpended balance to credit of Elmwood Avenue  
Cemetery.....\$ 1,506 69

Respectfully submitted,

G. D. WELLER,  
*City Treasurer.*

Burlington, Vt., December 31, 1892.

We have examined the foregoing account of the City Treasurer, together with the books and vouchers, and find them correct.

M. H. STONE, }  
H. R. WING, } *Auditors.*  
W. C. ISHAM, }

# ANNUAL REPORT

## OF THE

# TRUSTEE OF U.S.DEPOSIT MONEY.

### RECEIPTS.

Amount of United States deposit money received at  
last statement.....\$29,365 92

The above fund is loaned to the City of Burlington, for  
which amount I hold the notes of the City Treasurer.

### INCOME FROM THE ABOVE LOAN.

#### RECEIPTS.

From G. D. Weller, City Treasurer.....\$ 1,761 97

#### DISBURSEMENTS.

Paid H. O. Wheeler, Treasurer of the School Fund-\$ 1,761 97

Respectfully submitted,

GREENE D. WELLER,

*Trustee of the U. S. Deposit Money.*

Burlington, Vt., December 31, 1892.

We have examined the accounts of G. D. Weller, Trustee  
of the United States Deposit Money, and find the same as above  
stated.

M. H. STONE, }  
H. R. WING, } *Auditors.*  
W. C. ISHAM, }



# ANNUAL REPORT

## OF THE

# CITY TREASURER.

*To the City Council of the City of Burlington:*

GENTLEMEN:—I herewith present to you the twenty-eighth annual report of the City Treasurer, from January 1st, 1892, to December 31st, 1892, inclusive:

### BONDED DEBT.

Improvement bonds, 6s, due July 1, 1893.....	\$ 20,000 00
“ “ 6s, “ “ 1894.....	15,000 00
Water bonds, 6s, due July 1, 1894.....	30,000 00
Refunded water bonds, 4s, due July 1, 1906.....	160,000 00
Refunded R. R. bonds, 4s, 20/40s, dated April 1, 1891, option after 20 years.....	160,000 00
School bonds, 4s, dated April 1, 1892, due April 1, 1912.....	30,000 00
	<hr/>
	\$415,000 00
Less sinking fund.....	110,415 49
	<hr/>
Net Bonded Debt.....	\$304,884 51

### BILLS PAYABLE—LOANS.

#### RECEIPTS.

Balance, January 1, 1892, U. S. Dep. money.....	\$29,366 22
From temporary loans.....	46,250 00
	<hr/>
	\$75,616 22

## DISBURSEMENTS.

Paid temporary loans.....	\$46,250 00
Balance for U. S. Dep. money.....	29,366 22
	<hr/>
	\$75,616 22

## RATHBUN FUND.

## RECEIPTS.

From S. R. Rathbun, for maintenance of his lot in Green Mount Cemetery.....	\$150 00
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## BILLS PAYABLE—SCHOOL BONDS, 4s.

## RECEIPTS.

From Merchants' National Bank, for 20 coupon bonds of \$1000 each, Nos. 1 to 20, inclusive, dated April 1, 1892, payable at the city treas- urer's office April 1, 1912, with semi-annual interest at 4 per cent.....	\$20,000 00
From cemetery commissioners, for one registered bond of \$1000, No. 21, dated April 1, 1892, payable at the city treasurer's office April 1, 1912, with semi-annual interest at four per cent.....	1,000 00
From G. D. Weller, treasurer of the sinking fund, for nine registered bonds of \$1000 each, Nos. 22 to 30 inclusive, dated April 1, 1892, pay- able at the city treasurer's office April 1, 1912, with semi-annual interest at 4 per cent,	9,000 00
	<hr/>
	\$30,000 00

## BILLS PAYABLE—RESERVOIR LOAN.

## RECEIPTS.

From late account, January 1, 1892.....	\$25,000 00
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## DISBURSEMENTS.

Paid reservoir notes to sinking fund.....	\$ 10,000 00
Balance.....	15,000 00
	<hr/>
	\$25,000 00

## BILLS RECEIVABLE—SINKING FUND INVESTMENT.

## RECEIPTS.

From city of Burlington, for reservoir note.....	\$ 2,500 00
Balance.....	110,100 00
	<hr/>
	\$112,600 00

## DISBURSEMENTS.

Balance January 1, 1892.....	\$103,600 00
Paid city of Burlington for nine registered school bonds of \$1,000 each, dated April 1, 1892, payable April 1, 1912, with semi-annual in- terest at 4 per cent, Nos. 22 to 30, inclusive.....	9,000 00
	<hr/>
	\$112,600 00

## BILLS RECEIVABLE—B. &amp; L. RAILROAD.

## DISBURSEMENTS.

Paid for 160 shares of capital stock.....	\$160,000 00
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## BILLS RECEIVABLE—LOANS.

## RECEIPTS.

From Merchants' National Bank, for deposit receipt	\$9,604 45
Balance.....	1,650 00
	<hr/>
	\$11,254 45

## DISBURSEMENTS.

Paid Henry F. Field, State treasurer, balance of State tax of 1891.....	\$9,604 45
Paid L. F. Englesby for notes.....	1,650 00
	<hr/>
	\$11,254 45

**BURLINGTON WATER WORKS—CONSTRUCTION.****RECEIPTS.**

From late account, January 1, 1892.....	\$112,247 45
From appropriations for general construction.....	1,107 89
	<u>\$113,355 34</u>

**DISBURSEMENTS.**

Amount of late account, January 1, 1892.....	\$337,347 45
Paid Mayor's warrants to F. H. Crandall, Supt. ....	1,107 89
	<u>\$338,455 34</u>

**WATER WORKS—CURRENT.****RECEIPTS.**

From balance January 1, 1892.....	\$ 253 68
From appropriation for fire Hydrants in Ward 1. .	250 00
From collections for pipe, etc. sold by F. H. Cran-	
dall, Supt. ....	690 65
Appropriation from Water Collections .....	17,392 11
	<u>\$18,586 44</u>

**DISBURSEMENTS.**

Paid Mayor's warrants to F. H. Crandall, Supt., for	
Current .....	\$11,621 98
Paid Mayor's warrants to F. H. Crandall, Supt., for	
Pumping .....	5,600 96
Paid Mayor's warrants to F. H. Crandall, Supt., for	
Meters .....	1,352 84
	<u>\$18,585 78</u>
Unexpended balance .....	66
	<u>\$18,586 44</u>

**WATER METERS.**

## RECEIPTS.

From sale of Meters.....	\$ 209 10
From transfer to current account.....	1,352 84
	<hr/>
	\$1,561 94

## DISBURSEMENTS.

Paid Mayor's warrants to F. H. Crandall, Supt.,--	\$1,561 94
---	------------

**WATER TAX COLLECTIONS.**

## RECEIPTS.

Balance January 1, 1892.....	\$ 3,064 35
From collections of Water rates.....	39,430 37
	<hr/>
	\$42,494 72

## DISBURSEMENTS.

Paid F. H. Crandall, Supt., construction account.	\$ 1,107 89
“ “ “ “ current account.....	17,392 11
“ Interest on Water Bonds.....	10,008 00
“ W. F. Hendee for overcharge on Water bill..	12 20
“ Shepard & Morse Lumber Co., for overcharge on Water.....	157 50
“ G. D. Weller, Treasurer, error in entry of col- lections.....	192 43
“ Amount transferred to City tax of 1892 ----	12,962 52
	<hr/>
	\$41,832 65
Unexpended balance.....	662 07
	<hr/>
	\$42,494 72

**CITY HALL BUILDING.**

## DISBURSEMENTS.

Paid Trustee of United States Deposit Money....	\$8,648 18
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## CITY TAX, 1891.

## RECEIPTS

Balance January 1, 1891.....	\$114 84
------------------------------	----------

## DISBURSEMENTS.

Amount transferred to City tax, 1892.....	\$114 84
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## CITY TAX, 1892.

## RECEIPTS.

Received from collections for 1892.....	\$77,700 00
“ “ “ “ 1891.....	114 84
“ “ Water collections.....	12,962 52
	<hr/>
	\$90,777 36

## DISBURSEMENTS.

Paid H. F. Field, State Treasurer, amount of State	
School tax of 1892.....	\$ 5,335 81
Paid overdrafts to the several departments.....	1,987 68
Appropriation to School Department.....	25,400 00
“ “ Fletcher Free Library.....	2,200 00
“ “ Criminal and Police.....	4,500 00
“ “ Fire Department.....	5,500 00
“ “ Public Buildings and Parks.....	3,920 88
“ “ Street Light Department.....	11,000 00
“ “ Health Department.....	1,200 00
“ “ Incidental Department.....	4,500 00
“ “ Sewer Department.....	2,000 00
“ “ Pauper Department.....	4,000 00

Appropriation to Interest account, Aid Bonds.....	\$ 6,410 00
“ “ “ “ Improvement Bonds,	2,100 00
“ “ “ “ U. S. Dep. Money..	1,761 97
“ “ “ “ Reservoir Construc-	
tion.....	875 00
“ “ “ “ Rathbun Fund.....	6 75
“ “ “ “ Temporary Loans...	479 27
“ “ Fire Engine for Ward One.....	2,500 00
“ “ Fire Alarm in Ward Three.....	1,000 00
“ “ Hose House in Ward Five.....	3,500 00
“ “ Interest account, School Bonds...	600 00
	<hr/>
	\$90,777 36

## CRIMINAL AND POLICE.

## RECEIPTS.

Appropriation from City taxes.....	\$ 4,500 00
“ for overdraft.....	80 81
	<hr/>
	\$ 4,580 81
Overdraft to balance.....	439 90
	<hr/>
	\$ 5,020 71

## DISBURSEMENTS.

Balance January 1st, 1892.....	\$ 80 81
Paid Jerome Dumas, Chief Police, disbursements..	3,670 00
“ Jerome Dumas, Chief Police, Salary.....	200 00
“ Burlington Gas Light Co.....	208 88
“ N. E. Telephone and Telegraph Co.....	34 77
“ H. S. Peck, Judge, costs in City Court.....	425 10
“ H. S. Peck, Justice, costs in Justice Court....	95 98
“ E. E. Davis, Justice, costs in Justice Court...	272 12
“ Free Press Association, printing.....	4 00

## CITY TREASURER.

195

Paid C. R. Nash, repairs.....	\$	7 68
“ Leo & McAuslan, supplies.....		2 37
“ Water Works, water for offices.....		19 00
		<hr/>
	\$	5,020 71

## CRIMINAL COSTS IN CITY AND JUSTICE COURTS.

## RECEIPTS.

From H. S. Peck, Judge.....	\$	381 57
“ E. E. Davis, Justice.....		205 86
		<hr/>
	\$	587 43

## DISBURSEMENTS.

Amount transferred to Incidental account.....	\$	587 43
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## DOG LICENSES.

## RECEIPTS.

Balance January 1st, 1892.....	\$	60 00
From C. E. Allen, City Clerk.....		520 00
		<hr/>
	\$	580 00

## DISBURSEMENTS.

Paid Jas. E. Cayea, killing dogs.....	\$	57 00
“ J. O. Northrop, damage to sheep.....		8 00
“ Fletcher Free Library.....		515 00
		<hr/>
	\$	580 00

## FIRE DEPARTMENT.

## RECEIPTS.

Balance January 1, 1892.....	\$	138 52
Appropriation from City Tax.....		6,462 37
		<hr/>
	\$6,600	89
Overdraft to balance.....		795 32
		<hr/>
	\$7,396	21

## DISBURSEMENTS.

Paid F. E. Perkins, Chief Engineer's salary.....	\$ 200 00
Five Assistant Engineers salaries.....	125 00
Hook and Ladder Co., current expenses.....	436 74
Boxer Engine Co., " ".....	888 82
Ethan Allen Engine Co., " ".....	473 73
Barnes Hose Co., " ".....	423 35
Star Hose Co., " ".....	397 55
Howard Hose Co., " ".....	163 25
A. C. Spear Engine Co., " ".....	215 87
Burlington Gas Light Co.....	260 01
Elias Lyman & Co., coal bills.....	152 75
Gay & Henderson, coal bills.....	294 00
Sherman Military Band.....	45 00
Hodgman Rubber Co., for coats.....	122 70
J. M. Isham, uniforms for Engineers.....	61 00
Free Press Association, printing.....	36 60
F. E. Perkins, supplies.....	8 42
Eureka Fire Hose Co., 1,500 feet hose.....	900 00
G. W. Wales, for axes.....	4 50
J. H. Black, for horse hire.....	4 00
C. F. Wheeler, for supplies.....	7 87
Burnham & Grant, supplies.....	2 10
Whitney & Shanley, supplies.....	1 15
J. A. Parker, damage to house.....	7 10
E. A. Smith, for painting.....	9 90
Charles Ritchie, for work.....	7 81
H. Hickok & Co., for boxes.....	10 50
Alex Crosby, for repairs.....	13 75
Oliver Dupau, for work.....	6 00
W. H. Lane & Son, for cartage.....	3 50
G. D. Sherwin, salary and supplies for Fire Alarm.....	405 01

Paid J. H. Barry, salary and supplies for Fire Alarm.....	\$	74 57
Burlington Drug Co., supplies for Fire Alarm.....		38 66
H. E. Adams & Son, testing Fire Alarm.....		20 00
Water Works, for hydrants in Ward 1.....		250 00
Water Works, for water.....		1,200 00
C. R. Hayward, 1 years rent for H. & L. Co..		125 00
		<hr/>
		\$7,396 21

*Steamer Engine for Ward 1.*

## RECEIPTS.

Appropriation from City Tax.....	\$2,500 00
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## DISBURSEMENTS.

Paid America Fire Engine Co., Button Steamer...	\$2,000 00
W. E. Hall, expenses in purchase of Steamer...	96 00
William Smith, tender for Steamer.....	30 50
Lang & Goodhue Mfg. Co., work on Steamer...	2 10
Unexpended balance.....	371 40
	<hr/>
	\$2,500 00

*Fire Alarm for Ward Three.*

## RECEIPTS.

Appropriation from City Tax.....	\$1,000 00
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## DISBURSEMENTS.

Paid N. E. Gamewell Co., for Striker.....	\$408 15
W. H. Townsend, for work.....	20 56
Strong Hardware Co., for supplies.....	7 19
	<hr/>
	\$435 90
Unexpended balance.....	564 10
	<hr/>
	\$1,000 00



*Howard Hose House—Construction:*

## RECEIPTS.

Appropriation from City Tax.....	\$3,500 00
From H. Hickok for old Hose House.....	650 00
	<hr/>
	\$4,150 00

## DISBURSEMENTS.

Paid W. B. McKillip for land purchased of Geo. C. Mayo.....	\$1,133 00
S. T. Greene, for plan.....	25 00
W. H. Buckley & Co. for Gas Piping.....	15 00
J. W. Roberts, construction, on acct.....	1,600 00
	<hr/>
	\$2,773 00

## FLETCHER FREE LIBRARY.

## RECEIPTS.

Appropriation from City tax.....	\$ 2,200 00
“ for overdraft.....	44 64
“ from dog licenses.....	515 00
	<hr/>
	\$ 2,759 64
Overdraft balance.....	24 82
	<hr/>
	\$ 2,784 46

## DISBURSEMENTS.

Balance January 1, 1892.....	\$ 44 64
Paid Sarah C. Hagar, Librarian.....	2,224 82
S. Huntington, treasurer, dog fund.....	515 00
	<hr/>
	\$ 2,784 46

**HEALTH DEPARTMENT.****RECEIPTS.**

Appropriation for current expenses .....	\$ 1,200 00
“ “ overdraft .....	4 29
	<hr/>
	\$ 1,204 29
Overdraft to balance .....	49 10
	<hr/>
	\$ 1,253 39

**DISBURSEMENTS.**

Paid Dr. H. A. Crandall .....	\$ 798 70
C. E. Allen, City Clerk, registration fees for physicians .....	183 25
Free Press Association, printing .....	41 50
F. N. Whitney, printing .....	27 50
H. Stevens, Supt., work at mouth of sewer .....	140 01
H. M. McIntosh, engineer .....	27 70
F. H. Crandall, Supt. water works .....	28 44
A. Armagnac, printing .....	2 00
Balance January 1, 1892 .....	4 29
	<hr/>
	\$ 1,253 39

**LOUISA H. HOWARD FUND.****RECEIPTS.**

From J. A. Arthur, Executor Firemen's Fund .....	\$ 500 00
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**DISBURSEMENTS.**

Deposited in Merchants National Bank, Savings Deposit .....	\$ 500 00
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**IMPROVEMENT OF STREETS AND SEWERS.****DISBURSEMENTS.**

Balance January 1, 1892 .....	\$ 35,000 00
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## INCIDENTAL DEPARTMENT.

## RECEIPTS.

Balance January 1, 1892.....	\$	984 30
Appropriation from City tax.....		4,500 00
Amount received for licenses.....		284 50
“ “ from Criminal Department.....		587 43
“ “ “ E. Selden, Liquor Agent, profit and loss.....		1,150 35
“ “ for rent from Public Buildings..		770 50
“ transferred to Public Buildings and Parks for sprinkling.....		100 00
	\$	8,377 08

## DISBURSEMENTS.

Paid M. H. Stone, H. R. Wing and W. C. Isham, Auditors.....	\$	105 00
E. C. Mower, Assessor.....		216 00
F. Johonnott, “.....		296 00
E. F. Brownell, “.....		240 00
C. B. Gray, Assisting Assessors.....		20 00
C. L. Steinkamp, “ “.....		20 00
L. A. Drew, “ “.....		22 00
Thomas Failey, “ “.....		24 00
Chas. E. Allen, “ “.....		30 00
Jos. D. Allen, “ “.....		11 00
Free Press Association, printing and advertis- ing.....		1,030 81
M. D. L. Thompson, printing.....		109 50
F. N. Whitney, printing and advertising.....		7 00
R. S. Styles, printing.....		150 83
Barrett & Johnson, printing.....		7 00
P. C. Dodge, printing and advertising.....		15 75
C. E. Allen, Clerk, registration returns to Secretary of State.....		47 14

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Paid C. E. Allen, Clerk, paid for register, lists, postage, election and office expenses.....	\$ 190 23
N. E. Telephone and Telegraph Company.....	32 22
Janitors of voting places.....	41 00
Inspectors and clerks' services, March, Sep- tember and November elections.....	386 00
William Smith, rental of voting place.....	20 00
U. A. Woodbury, rental voting place.....	10 00
A. B. Fisher, erecting and moving booths.....	52 06
P. Farrell, messenger.....	28 21
Whitney & Shanley, stationery and books....	134 51
Smith & Humphrey, police uniforms.....	120 00
A. G. Whittemore, City Attorney.....	467 35
G. D. Weller. Treasurer, expenditures for Columbus Day.....	500 00
Cronyn & Beckwith, for bank punch.....	15 00
L. P. Waite, Directories for City.....	6 00
Jos. D. Allen, index to Resolutions from 1865	60 00
C. W. Brownell, Secretary of State, copy of charter amendment.....	2 00
G. M. Lord, rubber stamp and repairs.....	1 65
P. Farrell, burying dogs.....	3 00
Seneca Haselton, Mayor, salary.....	300 00
Chas. E. Allen, Clerk and assistant's salaries..	1,466 66
G. D. Weller, Treasurer, and clerk, salaries..	1,500 00
City Treasurer, postage and office expenses...	117 75
A. McGaffey, Quartermaster, Decoration day..	100 00
Burlington Water Works, for water troughs..	250 00
Burlington Water Works, for sprinkling in 1891.....	100 00
Barrett & Johnson, advertisement.....	1 00
Burlington Gas Light Company.....	34 21
Unexpended balance.....	86 26
	<hr/>
	\$ 8,377 08

**INTEREST ACCOUNT—IMPROVEMENT BONDS, 6s.**

## RECEIPTS.

Appropriation from City Tax.....\$ 2,100 00

## DISBURSEMENTS.

Paid Ninth National Bank, N. Y.....\$ 2,100 00

**INTEREST ACCOUNT—REFUNDING RAILROAD, 4s.**

## RECEIPTS.

Appropriation from City Tax.....\$ 6,410 00

## DISBURSEMENTS.

Paid Fourth National Bank.....\$ 4,010 00

“ Sinking Fund.....2,400 00

\$ 6,410 00

**INTEREST ACCOUNT—WATER BONDS, 4s.**

## RECEIPTS.

Appropriations from Water Collections.....\$ 7,218 00

## DISBURSEMENTS.

Paid Fourth National Bank, N. Y.....\$ 802 00

“ National Life Insurance Company.....1,000 00

“ Springfield Institution for Savings.....4,000 00

“ Sinking Fund.....1,416 00

\$ 7,218 00

**INTEREST ACCOUNT—WATER BONDS, 6s.**

## RECEIPTS.

Appropriation from Water Collections.....\$ 2,790 00

## DISBURSEMENTS.

Paid Ninth National Bank, N. Y.....\$ 2,790 00

**INTEREST ACCOUNT—RESERVOIR LOAN, 5s.****RECEIPTS.**

Appropriation from City Tax.....	\$	875 00
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**DISBURSEMENTS.**

Paid Cemetery Commissioners.....	\$	125 00
“ Sinking Fund.....		750 00
		<hr/>
	\$	875 00

**INTEREST ACCOUNT—SCHOOL BONDS, 4s.****RECEIPTS.**

Appropriation from City Tax.....	\$	600 00
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**DISBURSEMENTS.**

Paid Merchants National Bank for Coupons.....	\$	400 00
“ Cemetery Commissioners on Registered Bond,		20 00
“ Sinking Fund on Registered Bond.....		180 00
		<hr/>
	\$	600 00

**INTEREST ACCOUNT—SINKING FUND.****RECEIPTS.**

From Interest on Registered Bonds, 4s.....	\$	3,180 00
“ “ “ Coupon Bonds.....		816 00
“ “ “ Reservoir Notes.....		750 00
		<hr/>
	\$	4,746 00

**DISBURSEMENTS.**

Amount transferred to Sinking Fund.....	\$	4,746 00
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**INTEREST ACCOUNT—TEMPORARY LOANS.**

## RECEIPTS.

From Interest on Deposits.....	\$	144 06
Appropriation from City Tax.....		479 27
	\$	<u>623 33</u>

## DISBURSEMENTS.

Paid Interest on Temporary Loans.....	\$	623 33
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**INTEREST ACCOUNT—RATHBUN FUND.**

## RECEIPTS.

Appropriation from City Tax.....	\$	6 75
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## DISBURSEMENTS.

Paid O. Cole, Treasurer, Green Mt. Cemetery Asso- ciation.....	\$	6 75
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**INTEREST ACCOUNT—U. S. DEPOSIT MONEY.**

## RECEIPTS.

Appropriation from City Tax.....	\$	1,761 97
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## DISBURSEMENTS.

Paid G. D. Weller, Trustee of U. S. Deposit Money.....	\$	1,761 97
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**LAND DAMAGE AND ASSESSMENTS.**

## RECEIPTS.

From H. J. Edson, assessment on Peru street.....	\$	521 53
A. T. Stearns, assessment Pine St., extension		125 00
Mrs. E. F. Hayward “ “ “ “		1,325 00
H. R. Conger, “ “ “ “		737 50
L. F. Englesby and H. M. Hudson, Trustees.....		2,500 00
	\$	<u>5,209 03</u>

## DISBURSEMENTS.

Paid W. M. Ripley and wife, damages, Peru Street..	\$ 2,476 63
Sarah McMahon,                   “                   “                   “ ..	1,000 00
Street Department.....	1,732 40
	<hr/>
	\$ 5,209 03

## LICENSE DEPARTMENT.

## RECEIPTS.

From Adam Forepaugh Great Show.....	\$ 100 00
Chas. E. Allen, City Clerk.....	184 50
	<hr/>
	\$ 284 50

## DISBURSEMENTS.

Amount transferred to Incidental account..	\$ 284 50
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## MINISTERIAL FUND.

## RECEIPTS.

From collections of rents.....	\$ 49 88
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## DISBURSEMENTS.

Paid Henry Greene, Treas. 1st Cong. Society.....	\$ 24 94
N. K. Brown, Tr. 1st Calvinistic Cong. Society	24 94
	<hr/>
	\$ 49 88

## LIQUOR AGENCY.

## RECEIPTS.

From E. Selden, Agent, sales of liquors.....	\$ 8,914 00
Invoice of liquors on hand.....	725 62
	<hr/>
	\$ 9,639 62

## DISBURSEMENTS.

Invoice of liquors on hand January 1, 1892.....	\$ 775 35
Paid Columbia Distilling Company.....	1,898 54
Davis, Waters & Co.....	1,501 74
A. W. Balch & Co.....	1,101 72
Charles Stern & Sons.....	592 37
James M. Bell & Co.....	821 38
Devereaux & Meserve.....	329 40
J. H. Sutliff.....	81 55
C. H. Graves & Sons.....	119 61
E. Selden, Agent, freight.....	174 76
Burlington Gas Light Co.....	40 05
Elias Lyman & Co., coal.....	22 50
Hickok & Bailey, insurance.....	3 30
Burlington Water Works.....	7 00
City Hall rent.....	300 00
E. Selden, Agent, salary.....	720 00
	<u>\$ 8,489 27</u>
Profit and loss to Incidental account.....	1,150 35
	<u>\$ 9,639 62</u>
New account, Dr. liquors on hand.....	\$725 62

## PAUPER DEPARTMENT.

## RECEIPTS.

Balance January 1, 1892.....	\$ 400 00
Appropriation from City tax.....	4,000 00
	<u>\$ 4,400 00</u>

## DISBURSEMENTS.

Paid G. A. Rumsey, Overseer of Poor.....	\$ 3,621 95
Unexpended balance.....	778 05
	<u>\$ 4,400 00</u>

## PUBLIC BUILDINGS AND PARKS.

## RECEIPTS.

Appropriation from City Tax.....	\$3,500 00
for overdraft in 1891.....	895 57
for unpaid bills in 1891.....	420 88
	<hr/>
	\$4,816 45

## DISBURSEMENTS.

Balance January 1, 1892.....	\$895 57
Paid Burlington Gas Light Co.....	140 64
J. W. Goodell, repairing steps.....	158 00
E. F. Moore, balance on concrete walks in 1891,	420 88
G. F. Higgins, concrete walk in City Hall Park,	291 75
"        "        "        "        at Star hose house,	19 45
C. R. Nash, plumbing City Hall.....	126 79
M. Meagher, " Spear engine house.	64 83
"        "        "        City Hall.....	7 51
A. B. Kingsland, " public buildings...	40 65
J. E. Lanou, " " ".....	176 95
G. H. Richter & Co., letter cabinet, Clerk's Office	25 35
"        "        2 cases roller shelves for vault..	230 00
Hickok & Bailey, insurance, new Howard hose	
house.....	33 00
T. S. Peck, insurance, Public Buildings.....	30 00
W. E. Greene, paint for " ".....	30 78
G. S. Blodgett & Co., repairs, Public Buildings,	7 75
G. S. Blodgett & Co., boiler, etc. for Ethan	
Allen building.....	152 49
J. R. Booth, lumber.....	12 45
S. T. Greene, work, repair Public Buildings...	34 39
J. J. McLaughlin, work on A. C. Spear engine	
house.....	17 81

Paid G. W. Lee, work on Public Buildings.....	\$ 36 67
F. X. Germain, painting " " .....	38 48
H. Stevens, supt. work " " .....	276 01
W. E. Hall, paid for work " " .....	3 75
George A. Hall, repairs " " .....	35
J. H. Holton, supplies " " .....	40
W. J. Tindell & Son painting " " .....	5 50
Eugene Smith " " " .....	3 04
U. Caise, " " " .....	2 46
J. Wakefield, repair awnings .....	1 80
A. Morrison and others, glazing, Public Buildings .....	15 65
Chas. Ritchie, work, Public Buildings .....	4 98
P. Ritchie, work, Public Parks .....	11 46
P. Farrell, care of City Hall Park .....	60 00
Peter Greenough, trees in Park .....	5 25
Henry Prate, trees in Park .....	11 25
W. C. Isham, soil for Parks .....	4 00
Munson Bros., sharpening mowers .....	3 50
Burlington Gas Light Co., gas for band stand ..	4 51
Burlington Water Works, water for Offices .....	28 00
" " " " " 3 Fountains, .....	75 00
V. G. Barbour, appropriation for College Park, ..	150 00
Elias Lyman, coal and wood, City Hall .....	181 87
F. X. Germain, painting .....	4 65
J. J. McAuslan, supplies .....	3 36
P. Farrell, Janitor .....	360 00
G. D. Weller, janitor supplies .....	29 96
Burlington Improvement Co., sprinkling .....	100 00
Amount transferred from incidental account, sprinkling in 1891 .....	100 00
Paid Consumers Ice Co .....	7 88
	<hr/>
	\$4,446 82
Unexpended balance .....	369 63
	<hr/>
	\$4,816 45

**PUBLIC BUILDINGS—RENTS.**

## RECEIPTS.

From Collections of Rents..... \$770 50

## DISBURSEMENTS.

Amount transferred to incidental account..... \$770 50

**SCHOOL DEPARTMENT.**

## RECEIPTS.

From balance January 1st, 1892.....	\$ 2,444 44
“ H. F. Field, State Treasurer, Huntington Fund	555 99
“ “ “ “ “ State School Tax,	1,374 00
“ G. D. Weller, Trustee of United States Deposit Money.....	1,761 97
“ G. D. Weller, Treasurer, Interest on City Bonds	84 00
“ Appropriation from City Tax.....	25,400 00
“ Rents on Lease Lands.....	141 46
“ H. O. Wheeler, Superintendent.....	1,088 68
	<hr/> \$32,850 54

## DISBURSEMENTS.

Paid warrants drawn by Finance Committee.....	\$29,317 50
“ Interest on loans.....	188 75
	<hr/> \$29,506 25
Balance to new account.....	3,344 29
	<hr/> \$32,850 54

**CONVERSE SCHOOL BUILDING—CONSTRUCTION.**

## RECEIPTS.

From interest account..... \$ 160 00



## DISBURSEMENTS.

Paid F. W. Cole, House and Lot, corner Pine and Cherry streets.....	\$ 4,250 00
Paid American Bank Note Co., Furnishing Bonds..	165 00
“ Kramer and Zoll for plans.....	450 00
“ Willard Ducomb, construction.....	12,566 94
“ Rodney Roby, Superintendent.....	478 87
“ Interest account.....	87 13
	<hr/>
	\$17,997 94

## SCHOOL FUNDS RENTS OF LEASE LANDS.

## RECEIPTS.

From Collections of Rents on Lease Lands.....	\$ 164 73
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## DISBURSEMENTS.

Paid H. H. Wheeler, Treasurer, South Burlington..	\$ 23 27
“ H. O. Wheeler, Superintendent.....	141 46
	<hr/>
	\$ 164 73

## SINKING FUND.

## RECEIPTS.

Balance January 1st, 1892.....	\$101,013 69
From Tax Collections.....	4,655 80
“ Interest account.....	4,746 00
	<hr/>
	\$110,415 49

## SEWER DEPARTMENT.

## RECEIPTS.

From Appropriation.....	\$2,000 00
Sewer collections.....	3,449 12
Overdraft.....	915 18
	<hr/>
	\$6,364 30

## DISBURSEMENTS.

Balance January 1, 1892 .....	\$ 401 20
Paid A. R. Dow, Engineer .....	80 50
John O'Mara .....	25 00
C. H. Ferguson and others rebate on assessments, see report of Street Commissioners, Oct. 3, 1892 .....	45 94
H. Stevens, Superintendent .....	5,811 66
	<hr/>
	\$6,364 30

## STREET DEPARTMENT.

## RECEIPTS.

From balances January 1, 1892 .....	\$ 1,830 97
H. Stevens, Superintendent .....	7,254 92
Highway Tax collections .....	27,544 20
Land damages and assessments .....	1,732 40
	<hr/>
	\$38,362 49

## DISBURSEMENTS.

Paid H. Stevens, Superintendent .....	\$36,761 61
Burlington Gas Light Co. ....	5 28
A. R. Dow, City Engineer .....	13 00
Insurance on Heineburg Bridge .....	12 40
	<hr/>
	\$36,792 29
Unexpended balance .....	1,570 20
	<hr/>
	\$38,362 49

## RECEIPTS.

Balance January 1, 1892 .....	\$ 4 95
Appropriation from City Taxes .....	11,000 00
	<hr/>
	\$11,004 95

## DISBURSEMENTS.

Paid The Consolidated Electric Street Light Co. ....	\$10,756 65
Unexpended balance .....	248 30
	<hr/>
	\$11,004 95

## TAX COLLECTIONS, 1891.

## RECEIPTS.

From collections in 1892 .....	\$520 55
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## DISBURSEMENTS.

Balance January 1, 1892 .....	\$488 97
Pa d F. C. Kimball, refunded .....	3 25
	<hr/>
	\$492 22
Unexpended balance .....	28 33
	<hr/>
	\$520 55

## TAX COLLECTIONS, 1892.

## RECEIPTS.

From City Treasurer for collections .....	\$106,495 00
J. E. Lavell, constable, for collections, '91-'92, .....	4,570 94
E. Selden, constable, collections, 1892 .....	27 43
	<hr/>
	\$111,093 37
Unexpended balance .....	1 28
	<hr/>
	\$111,094 65

## DISBURSEMENTS.

Taxes refunded on Mayor's warrants .....	\$ 94 65
Appropriation to City Tax .....	77,700 00
Street Department .....	27,544 20
Sinking Fund Water Bonds .....	4,655 80
Sinking Fund School Bonds .....	1,100 00
	<hr/>
	\$111,094 65

## CITY TREASURER'S BALANCE SHEET FOR THE YEAR 1892.

	DISBURSEMENTS.	RECEIPTS.	DR. BALANCE.	CR. BALANCE.
Bills Payable, Water Bonds, 6s	\$225,000 00	\$255,000 00	---	\$ 30,000 00
Bills Payable, Water Bonds, 4s	---	160,000 00	---	160,000 00
Bills Payable, Improvement Bonds, 6s	---	35,000 00	---	35,000 00
Bills Payable, Railroad Refunding, 4s	---	160,000 00	---	160,000 00
Bills Payable, School Bonds, 4s	---	30,000 00	---	30,000 00
Bills Payable, Rathbun Fund	---	150 00	---	150 00
Bills Payable, Temporary Loans	46,250 00	75,616 22	---	29,366 22
Bills Payable, Reservoir Loan	10,000 00	25,000 00	---	15,000 00
Bills Receivable, Sinking Fund	112,600 00	2,500 00	\$110,100 00	---
Bills Receivable, Railroad Stock	160,000 00	---	160,000 00	---
Bills Receivable, Louisa H. Howard Fund	500 00	---	500 00	---
Bills Receivable, Loans	11,254 45	9,604 45	1,650 00	---
Burlington Water Works, Construction	338,455 34	113,355 34	225,100 00	---
Burlington Water Works, Current	18,585 78	18,586 44	---	66
Burlington Water Works, Collections	41,832 65	42,594 72	---	762 07
City Hall Building	8,648 18	---	8,648 18	---
City Tax, 1891	114 84	114 84	---	---
City Tax, 1892	90,777 36	90,777 36	---	---
Criminal and Police	5,020 71	4,580 81	439 90	---
Criminal Costs and Fines	587 43	587 43	---	---
Fire Department, Current	7,396 21	6,600 89	795 32	---
Fire Steamer Engine	2,128 60	2,500 00	---	371 40
Fire Alarm for Ward 3	435 90	1,000 00	---	564 10
Fletcher Free Library	2,784 46	2,759 64	24 82	---
Howard Hose House, Construction	2,773 00	4,150 00	---	1,377 00
Health Department	1,253 39	1,204 29	49 10	---
Howard, Louisa H., Fireman's Fund	---	500 00	---	500 00
Improvements of Street and Sewers	35,000 00	---	35,000 00	---
Incidental Department	8,290 88	8,377 08	---	86 20
Interest Account, Improvement Bonds, 6s	2,100 00	2,100 00	---	---
Interest Account, Refunding Railroad, 4s	6,410 00	6,410 00	---	---
Interest Account, Water Bonds, 4s	7,218 00	7,218 00	---	---

## CITY TREASURER.

Interest Account, Water Bonds, 6s	\$ 2,790 00	\$ 2,790 00	-----
Interest Account, Reservoir Loan, 5s	875 00	875 00	-----
Interest Account, School Bonds, 4s	600 00	600 00	-----
Interest Account, Sinking Fund	4,746 00	4,746 00	-----
Interest Account, Temporary Loans	623 33	623 33	-----
Interest Account, Rathburn Fund	6 75	6 75	-----
Interest Account, U. S. Dep. Money	1,761 97	1,761 97	-----
Land Damage and Assessments	5,209 03	5,209 03	-----
License Department	284 50	284 50	-----
License Dogs	580 00	580 00	-----
Liquor Agency, E. Selden, Agent	9,639 62	9,639 62	-----
Liquor Agency, new account	725 62	725 62	-----
Ministerial Fund	49 88	49 88	-----
Pauper Department	3,621 95	4,400 00	\$ 778 05
Public Buildings and Parks	4,446 82	4,816 45	369 63
Public Buildings, Rents	770 50	770 50	-----
School Department	29,506 25	32,850 54	3,344 29
Converse School Building	17,997 94	160 00	17,837 94
School Fund, Rent on Leased Lands	164 73	164 73	-----
Sinking Fund, Water Bonds	110,415 49	-----	110,415 49
Sinking Fund, School Bonds	1,100 00	-----	1,100 00
Sewer Department	6,364 30	5,449 12	915 18
Street Department	36,792 29	38,362 49	1,570 20
Street Light Department	10,756 65	11,004 95	248 30
Tax Collections, 1891	492 22	520 55	28 33
Tax Collections, 1892	111,094 65	111,093 37	1 28
Water Meters	1,561 94	1,561 94	-----
Field, Henry F., State Treasurer	9,604 45	9,604 45	-----
Cash Balance	19,244 60	19,244 60	-----
Totals	\$1,425,728 17	\$1,425,728 17	\$581,031 94

GREENE D. WELLER, *City Treasurer.*

We have examined the foregoing account of the City Treasurer, together with the books and vouchers for the items of each department, and find them correct.

M. H. STONE,	} <i>Auditors.</i>
H. R. WING,	
W. C. ISHAM,	

Burlington, Vt., February 14, 1893,

## AUDITOR'S REPORT.

*To the City Council of the City of Burlington:*

GENTLEMEN :—We herewith present to you a statement of the receipts and disbursements as shown on the books of the City Treasurer for year ending December 31st, 1892 :

### RECEIPTS.

Balance, January 1, 1892.....	\$ 7,286 95
Bills receivable.....	9,604 45
Bills payable, schools.....	30,000 00
Criminal department.....	587 43
Howard hose house.....	650 00
Interest account.....	144 06
Land damages.....	5,209 03
Licenses, dogs.....	520 00
Licenses, miscellaneous.....	284 50
Liquor agency.....	8,914 00
Loans, schools.....	7,500 00
Loans, temporary.....	46,250 00
Ministerial fund.....	49 88
Public buildings, rents.....	770 50
School department.....	4,864 64
School fund, rents.....	164 73
Sewer department.....	3,449 12
Sinking fund, interest account.....	4,746 00
“ “ reservoir note paid.....	2,500 00
Street department.....	7,254 92
Tax collections, 1891.....	520 55
“ “ 1892.....	111,093 37



Water department, collections.....	\$ 37,951 37
“ “ collections from city.....	1,579 00
“ “ material sold.....	690 65
“ “ meters sold.....	209 10
	<hr/>
	\$292,794 25

## DISBURSEMENTS.

Bills receivable.....	\$11,254 45
Converse school.....	17,997 94
Criminal department.....	4,920 90
Dog department.....	65 00
Fire department.....	8,510 71
Fletcher Free Library.....	2,739 82
Health department.....	1,249 10
Howard hose house.....	2,773 00
Incidental department.....	8,040 88
Interest account, bonded debt.....	18,518 00
“ “ Rathbun fund.....	6 75
“ “ reservoir notes.....	875 00
“ “ school bonds.....	600 00
“ “ temporary loans.....	463 33
“ “ U. S. deposit fund.....	1,761 97
Land damages.....	3,476 63
Liquor agency.....	7,706 92
Loans, schools.....	7,688 75
“ temporary.....	46,250 00
“ reservoir note paid.....	2,500 00
Ministerial fund.....	49 88
Pauper department.....	3,621 95
Public buildings.....	3,348 25
Sewer department.....	5,963 10
Sinking fund investment.....	9,000 00

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Street department.....	\$ 36,792 29
“ lights.....	10,756 65
State Treas., school tax.....	5,335 81
School department.....	29,317 50
“ fund, rents.....	23 27
Taxes refunded.....	97 90
Water department.....	19,902 77
“ collections refunded.....	362 13
“ city purposes.....	1,579 00
Cash balance.....	19,244 60
	<hr/>
	\$292,794 25

Respectfully,

M. H. STONE, }  
H. R. WING, } *Auditors.*  
W. C. ISHAM, }

## REPORT OF THE DIRECTORS.

OF

# The Mary Fletcher Hospital.

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The Mary Fletcher Hospital, the gift of Mary M. Fletcher to the suffering of Vermont, to medical science, and to the profession of nursing, was chartered by the Legislature of Vermont, November 18th, 1876. Its board of directors was organized December 6th, 1876. Shortly afterward, in accordance with the choice of Miss Fletcher, the Directors selected, as the site of the Hospital, and purchased the Catlin estate, consisting of about 25 acres of high ground overlooking the City from its eastern side. The property thus acquired has been increased by subsequent purchases to about 75 acres, including, beside land devoted to meadow and pasture, a spacious garden, and orchard of 200 fruit trees, and a pine grove. During the years 1877-8 were erected the administrative building, containing also rooms for private patients, the Men's Ward, the Amphitheatre for clinical lectures, and out-buildings, costing about \$50,000. The Hospital was dedicated and opened January 22d, 1879, having a capacity for 27 patients. On the death of Miss Fletcher, February 24th, 1885, the Hospital came into the possession of the bulk of her estate, which, together with the original endowment and gifts for free beds, constitutes a permanent fund, for the maintenance

of the hospital, of about \$340,000. During the year 1887 there were added to the Hospital buildings a Woman's Ward, embodying all the latest improvements in hospital construction, an Isolated Ward for severe surgical cases, and a building containing an operating room and a room for the preparation of surgical dressings,—the whole cost being in the neighborhood of \$20,000.

In the fall of 1889 the Directors were able to carry out a long cherished plan of extending the Men's Ward so as to hold twenty beds. This involved almost a new building, which was finished early in 1890. The Ward proper is now twice the length it was before; new rooms have been added for patients whom it is not well to have in the main room; a spacious, sunny parlor has been built out on the west; various alterations have been made, till now the new Men's Ward is as well arranged and equipped as the new Ward for women, which has been held to be a model in hospital construction.

During the past year, 1892, extensive additions and repairs have been made, including enlargement of the operating and etherizing rooms, the relaying of floors, and putting in an elevator, the whole at a cost exceeding \$11,000.

The total capacity of the hospital in ordinary circumstances is 50 beds, which, in emergencies, by crowding the wards and placing cots in the halls and amphitheatre, can be increased to 65 beds.

#### ENDOWED BEDS.

A Free Bed in the hospital may be endowed in perpetuity by payment of the sum of five thousand dollars. Six have already been thus endowed:

I. The Julia M. Edmunds Bed; endowed by Mr. and

Mrs. George F. Edmunds of Burlington, in memory of their daughter, to be occupied by female patients only.

II. The Kate W. Morton Bed ; endowed in memory of his daughter, by George Morton of Burlington.

III. The Bethesda Bed ; endowed by the Founder of the hospital, Mary Fletcher, February 11th, 1885—her gift to the first Calvinistic Congregational Church in this city.

IV. The Loomis Bed ; endowed by William, Luther and Horatio Loomis, in memory of their Father and Mother, Henry and Julia Loomis.

V. The L. G. Ware Bed ; endowed in January, 1889, by the First Congregational Society (Unitarian), and bearing the name of its minister.

VI. The Proctor Bed ; endowed in 1891, by Redfield Proctor of Proctor.

Persons may be designated by the donors or their representatives for the free occupancy of an endowed bed, under such regulations as may be made by the Directors.

The Directors commend this form of charity to the attention of those who may be studying the most economical and effective forms of relief to suffering humanity.

#### DONATIONS

have been made from time to time to the Hospital of bed linen, old linen for dressings, fruit and flowers, preserves and other delicacies for the sick ; also of books, magazines, and daily and weekly newspapers sent by the publishers. All these gifts have been most acceptable, and the Directors desire to make their hearty thanks to the thoughtful givers.

A generous benefactor, who withholds his name, has given a parlor organ for use in the Sunday services.

## CHARACTER AND WORK OF THE HOSPITAL.

A hospital is essentially a charity. It is an institution the main object of which is not the making of money, nor the advancement of science, but rather the cure of the sick, the feeble, the injured. It aims to bring the benefits of the most advanced medical science, the most skillful nursing, and the most favoring material and moral conditions, to the relief of the sufferings of all classes. It gives a well appointed temporary home to those whose own homes lack appliances favorable to recovery, and it adds some appliances which the most luxurious homes cannot furnish. It is, thus, we repeat, a public charity, a benefit to all in every class who may need its help.

But it is an expensive charity,—one of the most expensive known to modern civilization. The permanent investment, in grounds, buildings, furniture, instruments, and all arrangements for securing the most perfect sanitary conditions, is necessarily large. The current expenses, even after allowing for the large amount of gratuitous service rendered, are seen to be very heavy, when it is remembered that the diet must be all ways choice and often expensive; that the medicine and instruments must be the most effective known to the profession, whatever the cost may be; that the staff of nurses and attendants must be such that whenever, by day, or by night, any kind of service is required, it must be always at hand, wide awake, not impaired by fatigue or confused by conflict of duty. Many times in the history of the Hospital, the Directors have found that the paid servants outnumbered the patients, without being able to see how any of this large staff could be dispensed with. There are often single patients who require the entire service of a nurse night and day. In many cases the



medicines and special diet of a patient cost the Hospital more per week than the largest sum paid by those who are regarded as paying patients.

Now it is obvious that with the space and funds at the command of the Hospital, it cannot offer its advantages gratuitously to all without discrimination. Nor should this be expected. A hospital does not exist for the purpose of supplanting the regular medical practitioner, or of providing medical service gratuitously for those who are able to pay for it. In the minds of many persons a hospital implies unlimited resources which the Directors can dispense without stint. As a matter of fact no institutions are more liable to financial straits, because of the natural tendency of hospital directors to extend to suffering humanity a larger charity than their means will permit. The revenues of the Mary Fletcher Hospital, though administered with the strictest economy, are sufficiently taxed by the legitimate claims of charity ; for charity more or less, every patient receives. It has never been proposed by the Directors, it would not be consistent with the liberal views of the Founder, that any should be required to pay the full cost of the services rendered. Those who pay most receive fully half they get as a gratuity. But all the sums paid by those who are able to pay anything increase the power of the Hospital to extend its benefits to those who are able to pay nothing. It is upon these principles that patients are received. Those who are poor, homeless, friendless, are understood to have the first claim. Such applicants, when they are fit subjects for hospital treatment, and when there are vacant beds, are never refused. But in order that the largest possible number of such cases may be received, all others are expected to pay on a scale accommodated to their means. We have found that most per-

sons are glad to pay all that could be expected of them. Friends often contribute to the support of those less fortunate than themselves. Employers, recognizing the value to themselves of such an institution in their neighborhood in cases of accident or serious sickness, willingly pay in part or in full for the care of their employees. We trust the time is coming when the railroad corporations, the manufacturing firms, the churches, all who have numbers of persons in their care, to whom they owe charity in time of distress, will endow beds, available for their use in case of need. And we confidently expect that as the needs of the hospital outgrow its means, other liberal hands will enlarge its resources, so that its doors may be always wide enough to admit all the suffering poor of our State, "without money and without price."

#### ADMISSION OF PATIENTS.

By the intention of the Founder, and in the method of its administration by the Directors, the Mary Fletcher Hospital is for the benefit of all residents of the State of Vermont whose cases can, for any reason, be better treated in a public institution than by means within the reach of the ordinary practitioner. Cases from outside the State are not refused, if there is room for them, but it is understood that residents of the State have the prior claim.

The following Rules have been adopted by the Directors:

I. No patient suffering from any contagious or infectious disease, shall be admitted, nor any lunatic, nor any maternity case.

II. The regular price of treatment is ten dollars per week. Reductions from this price will be made when satisfactory proof is furnished of the inability of the patient to pay full rates. A limited number of free beds are available

for those whose circumstances render them fit subjects for such charity.

III. Applications from outside of Burlington must be made in writing, addressed to the Superintendent, by the attending physician of the patient, accompanied by a full description of the case, and when a free bed or reduced rates may be desired, by a statement of the pecuniary circumstances of the patient.

IV. Physicians should remember that incurable cases, and those which admit of only temporary relief, are not regarded as suitable subjects for admission.

#### REPORT

of patients admitted to the Hospital during the year ending Dec. 31, 1892, by B. J. Andrews, M. D., Superintendent :

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Total number of patients admitted during the year.....	492
Number of charity patients.....	256
Number of paying patients.....	236
Residents of Vermont.....	419
Residents of Massachusetts.....	6
Residents of New Hampshire.....	5
Residents of New York.....	54
Residents of other States.....	4
Residents of Canada.....	4
Total number of deaths.....	11
Number of patients treated at the free medical clinics held in the Hospital Amphitheatre (not included in above report).....	65

M. H. BUCKHAM,

*President.*

CHARLES P. SMITH,

*Secretary.*

# The Mayor's Estimates.

*To the Honorable the Board of Aldermen :*

GENTLEMEN :—The following statement and estimates are submitted :

## ASSETS OF THE CITY, JANUARY 1ST, 1893.

Cash on hand .....	\$19,244	60
Uncollected taxes, 1891 and 1892 .....	1,842	22
“        water rates .....	750	13
“        sewer and sidewalk assess- ments .....	\$951	94
Less overdraft .....	915	18        36 76
Bills receivable .....	1,650	00
	<u>          </u>	\$ 23,523 71

## LIABILITIES, JANUARY 1ST, 1893.

Proceeds of School Tax, subject to call of School department .....	\$ 3,344	49
Proceeds of School bonds, subject to call of School department .....	12,162	06
Proceeds of Highway Tax, subject to call of Street department .....	1,570	20
Amount belonging to General Sinking Fund uninvested .....	315	49
Amount belonging to School bond Sink- ing Fund uninvested .....	1,100	00
Amount of special appropriation for Hose House in Ward 5, unex- pended .....	727	00
	<u>          </u>	\$ 19,219 24
Net Assets, January 1st, 1893 .....	\$	4,304 47

## ESTIMATED RECEIPTS FOR 1893.

From Water Rates.....	\$ 39,400 00
“ Rents.....	750 00
“ Criminal department.....	550 00
“ Licenses.....	250 00
	<hr/> \$ 40,950 00

Total of Net Assets and Estimated Receipts...\$ 45,254 47

## ESTIMATED CURRENT EXPENSES FOR 1893.

Salaries.....	\$ 3,200 00
Pauper department.....	3,750 00
Fletcher Library.....	2,200 00
Police and Criminal department.....	4,500 00
Fire department.....	5,500 00
Public Buildings and Parks.....	3,250 00
Street Lights.....	11,500 00
Health department.....	1,000 00
Water department.....	19,500 00
Sewers.....	2,000 00
School department—	
For ordinary expenses.....	25,000 00
For furnishing new building.....	4,000 00
Incidental fund.....	4,000 00
One Reservoir note (principal).....	2,500 00
County tax.....	551 29
Interest—	
On Bonded debt.....	\$17,900 00
On U. S. Deposit fund.....	1,761 96
On Reservoir note.....	750 00
On temporary loans.....	650 00
	<hr/> \$21,061 96
	<hr/> \$113,513 25
Amount to be raised by taxation.....	\$68,258 78



The grand list for 1892 was \$110,737.54. Assuming that the list for 1893 will be equal in amount, though beyond question it will be larger, a tax of 62 cents on the dollar will yield the sum of \$68,657.27.

A highway tax of 15 cents is required, and with last year's list as a basis of computation this will provide about \$16,500 which with the amount to the credit of the Street department at the beginning of the year makes a fund of somewhat more than \$18,000 for street purposes.

The action of the recent Legislature necessitates a 5 cent State road tax, a portion of which will be returned to the city to be expended upon the streets. The sinking fund should receive the avails of a 5 cent tax as heretofore. A State school tax of 5 cents is required. The biennial State tax for general State purposes is 15 cents. As one-half of the proceeds of this is not payable to the State Treasurer until June, 1894, and with a view to as uniform a rate of taxation as is practicable I recommend that approximately one-half of it, or 8 cents on the dollar be raised this year.

The requirements for the year may then be tabulated as follows:

Tax for general city purposes.....	62 cents.
Tax for sinking fund.....	5 “
Highway tax.....	15 “
State road tax.....	5 “
State school tax.....	5 “
One-half (approximately) of Biennial State tax.....	8 “
<hr/>	
Total.....	100 cents.

In case a larger sum is thought to be needed for the Street department than the proceeds of the specified highway



tax and our returns from the State road tax the desired funds will clearly be available in consequence of an inevitable increase in the grand list. I would therefore recommend a tax of 100 cents on the dollar as adequate to meet all governmental requirements for the current year on the part of City, County and State.

The gross bonded debt of the city is \$415,000.00 The amount of the general sinking fund is \$110,415.49, and the newly established school bond sinking fund has belonging to it the sum of \$1,100. The net bonded debt of the city is therefore \$303,784.51 in amount.

SENECA HASELTON,

*Mayor.*

Burlington, Vt., Feb. 1, 1893.

## AMENDMENTS TO THE CITY CHARTER.

Adopted by the Legislature of Vermont,  
1892:

No. 109.—AN ACT IN AMENDMENT OF AND IN ADDITION TO AN ACT ENTITLED, "AN ACT IN FURTHER AMENDMENT OF THE SEVERAL ACTS RELATING TO THE CITY OF BURLINGTON," APPROVED DECEMBER 22, 1880.

## SECTION.

1. Section 1 of number 213, Acts of 1880, amended; proceedings on petition for improvements to streets and sidewalks.
2. Section 1 of number 213, acts of 1880, further amended; city council may authorize the payment of assessments for street improvements in installments; how and when installments to be payable; condition; assessments to be a lien on land and

## SECTION.

- buildings; persons desiring to pay assessments in installments to file request with city clerk; certificates, how executed, what to contain; duties of city treasurer.
3. Description of premises in conveyance sufficient in absence of other description.
4. Assessments not payable in installments subject to existing provisions of charter.

*It is hereby enacted by the General Assembly of the State of Vermont:*

SECTION 1. So much of section one of an act entitled, "An act in further amendment of the several acts relating to the city of Burlington," approved December 22, 1880, as commences the paragraph with the words "whenever the owners," in the tenth line of said act, and ends with the words "repaired and flagged," in the sixteenth line thereof, is hereby amended so as to read as follows:

"Whenever the owners of the greater part of the lands or buildings abutting upon any street, lane or alley, or part

thereof in said city, shall present their petition in writing to the board of aldermen, praying that such street, lane or alley, or part thereof as specified, be graded, paved or macademized, curbed and guttered, and that a sidewalk or the sidewalks thereof be constructed or repaired or paved or laid with flagging, or such other material as may be ordered by the street commissioners."

SEC. 2. Section one of said act is further amended by adding thereto the following :

"The city council, at any time prior to the placing of the lists of assessment for said street improvements in the hands of the city treasurer for collection, may authorize the payment and collection of said assessments and also assessments for the construction of sewers, in five equal installments bearing annual interest at the rate of six per centum per annum from the date of the filing of the assessments in the city clerk's office until fully paid, the first installment being due on or before November 1st next after the filing of said assessments in the city clerk's office by the board of street commissioners, and the remaining installments respectively on or before November 1st in each of the four successive years thereafter, with the condition that in case of default for the space of ten days in the payment of any of said installments or the interest thereon, after the same have become due, the whole of said assessments unpaid shall, at the option of the holder of the certificate hereinafter mentioned, become at once due and payable.

It shall be optional with any or all the owners of lands or buildings so assessed, to pay said assessments in installments as herein provided, or to pay the same as is otherwise provided by the city charter and amendments thereto, and in all cases

said assessments and the installments thereof and interest thereon, shall be and remain a lien upon the land and buildings assessed until the same are fully paid and shall have precedence over all other liens excepting ordinary taxes.

Any and all owners of lands or buildings so assessed, desiring to pay their assessments in such installments, shall file in the office of the city clerk their request in writing to that effect, whereupon said city of Burlington is hereby empowered and directed to issue and deliver to the city treasurer its several certificates covering each of said assessments so to be paid, signed by the mayor and countersigned by the city clerk of said city, which certificates shall contain a statement of the name of the street, lane or alley and the nature and kind of improvements thereon and the amount of the assessments therefor, a description of the lands and buildings and the name or names of the owner or owners thereof so assessed, the date of the filing of said assessment in the city clerk's office and a statement that said assessments and all installments thereof and interest, are a lien on said lands and buildings assessed, subject only to ordinary taxes and that the same are due and payable to the city treasurer or the holder of said certificates in the manner, at the times and as provided in this act, and a statement of such other provisions hereof as may be deemed advisable.

Said certificate shall in no case be issued to the city treasurer, nor shall said assessments be payable in installments, unless the owner or owners of such lands and buildings so assessed shall severally promise and agree in writing endorsed on said certificates, that, in consideration of having the right to pay his or their assessments in installments bearing interest, all as stated in said certificates, he or they waive all right of

appeal from the assessments as filed in the city clerk's office, and will not make any objection of illegality or irregularity as to the same and will pay the assessments and the installments thereof with annual interest thereon at six per centum, all as specified in said certificates and as provided in this act. The city treasurer is hereby authorized to hold said certificates covering and representing all such assessments payable in installments as aforesaid as the property of said city and to invest any of the funds of the city in the same, for the city, or he may sell or assign said certificates to any person or corporation and their assigns, which sale and assignment shall have the effect to transfer and convey all the right and interest of said city to, in and with respect to every such assessment and the installments thereof, and shall authorize the holder of the certificate to receive, sue for and collect, or to have collected by said city treasurer, every such assessment or installment embraced in such certificate, by or through any of the methods provided by law for the collection of assessments for such improvements, including the provisions of this act, and any sums collected by said city treasurer shall, when collected, be placed to the credit of the holder of such certificate.

SEC. 3. For all purposes of assessments for street improvements, including sewers, wherever a description of the lands and buildings so assessed is required, reference to the conveyance to the owner or owners, giving date of the same and volume and page of the land records where recorded, shall be sufficient in the absence of other description.

SEC. 4. All assessments not payable in installments as herein provided, shall in all respects be subject to the existing provisions of the city charter and the amendments thereof.

Approved November 21, 1892.



## CHAPTER I

### of the Revised General Ordinances of the City of Burlington, Vt.

As amended by the Board of Aldermen, December 5,  
1892, and approved by the Mayor, December 7,  
1892, reads as follows :

*It is hereby ordained by the City Council of the City of  
Burlington, as follows:*

## CHAPTER I.

### WATER DEPARTMENT.

#### SECTION.

1. Duties of superintendent of water works.
2. Superintendent to make monthly statement of expenses to Board of Aldermen.
3. Superintendent to give notice before shutting off supply of water from hydrants.
4. When water is to be shut off from any line of pipes, takers to be notified.
5. Superintendent to have an examination made of hydrants and fire plugs belonging to the city.
6. City Council to prescribe rules and regulations for government of water works.
7. Rates to be fixed by commissioners subject to approval by city council. Service rates to be paid six months in advance; unless rates are paid on or before dates named, superintendent to cut off water from premises.

#### SECTION.

8. Additions and alterations of pipes; how made.
9. Water may be cut off from premises of any person misusing or giving it away.
10. No person from whose premises the water has been shut off, shall let it on or use city water from other sources, unless by direction of superintendent.
11. Hydrants not to be opened, except by superintendent, commissioners, or chief engineer, or fire companies for fire purposes.
12. Mains tapped and lateral pipes laid by city to street line.
13. Injuring building, hydrant, fence or apparatus connected with city water works.
14. Putting or throwing anything into reservoirs or troughs of city water.
15. Watering animals at trough, to evade tax.
16. Penalty for violating provisions of this chapter.

SECTION 1. The superintendent of the city water works shall have the general supervision of the water works belonging to the city, under such regulations as may from time to



time be prescribed by the City Council, and shall have the right at all times to enter the premises of any person using the water, for the purpose of examining the pipe or other apparatus connected with the service pipe, and the manner in which water is used on such premises.

SEC. 2. The superintendent of the city water works shall, at the end of each month, make up an account in detail of the expenses of the same, together with a statement of the outstanding liabilities for such month, to be approved by the water commissioners, and shall present the same to the Board of Aldermen on or before the regular meeting of the board for the succeeding month.

SEC. 3. The superintendent of the city water works, and in case of his absence, the person or persons acting in his stead, whenever he or they shall cut off the supply from any of the hydrants or fire plugs in any part of the city, for repairs or other proper causes, and he or they shall find it necessary to keep the supply of water shut off therefrom over night of the day when so shut off, shall immediately give notice thereof to the chief engineer of the fire department, or in the absence of the chief engineer from the city, to the assistant engineer of the fire department residing nearest to the hydrants or fire plugs so cut off; and he or they shall state in the notice particularly to what extent the hydrants and fire plugs are so rendered unavailable for fire service; and shall also notify said chief engineer or assistant engineer when the said hydrants and fire plugs are again in working order; and in order that no failure to receive such notice by the fire department shall occur, the said superintendent, or person in charge of said city water works in his absence, shall give the notices as aforesaid, either in person or by special messenger.

SEC. 4. When the said superintendent shall have cause to shut off the supply of water on any line of pipe for repairs, he shall immediately notify the water takers on the line of pipe to be shut off, stating as nearly as possible the length of time such supply will be shut off; provided, however, in case of sudden bursts, the water may be shut off without notice.

SEC. 5. The said superintendent shall have an examination made of the hydrants and fire plugs belonging to the city, from time to time, and keep them in working order at all times, except when shut off for repairs; and shall cause all defects therein to be repaired without delay.

SEC. 6. The City Council shall prescribe rules and regulations for the government of the city water works, and may from time to time, by resolution or otherwise, adopt such pipe or other apparatus for the use of the city water works as they shall deem advisable.

SEC. 7. The water commissioners shall have power to fix all regular, meter and special service rates from time to time, subject to the approval of the City Council. There shall annually be appropriated for the Fire Department to be paid to the Water Department, a sum equal to a rental of twenty dollars per hydrant, for the public fire hydrants attached to the water mains. The regular service rates for water shall begin on the first days of June and December, in each year, and shall be paid in advance for the term of six months, and shall be payable to and collected by the superintendent of water works at his office. He shall have the premises of all persons using water from the city water works inspected between the first and twentieth days of May and November in each year, and shall have the pipes and other fixtures connected with the service pipe examined, and see that the water on such prem-

ises is used according to the ordinances, rules and regulations of the water department, and make a tax bill of all meter and special rates on or before the first days of March, June, September and December.

If the regular service rates are not paid on or before the tenth days of June and December respectively, and the special service or meter rates on or before the tenth days of March, June, September and December, respectively, the superintendent of water works shall notify all delinquents whose rates remain unpaid at that time, that unless immediate payment is made the water will be shut off from the premises of such delinquent, until such regular, special or meter rates due from such delinquent, with five per cent in addition thereto, are paid to the superintendent of water works; together with the sum of one dollar for cutting off and turning on the water.

SEC. 8. No person shall use the water supplied by the city water works, tap the mains, or any pipe leading from the same, or attach any pipe thereto, or make any extension or alterations of or additions to the service pipe upon his premises, without first applying to the superintendent of the city water works, at his office, and signing an application for the same, stating the purpose for which he desires to use the water. No plumber or any other person shall connect any water closet, bath tub, fountain, machinery, faucet or any other apparatus whatever with the city water works without first obtaining permission in writing so to do from the superintendent of the city water works.

SEC. 9. No person shall give away or use any water from the city water works on any premises, for any other purpose than that for which payment has been made; nor allow the water to be wasted from fixtures out of repair or other-

wise. The superintendent of the city water works, or his authorized agents, shall immediately cut off the water from the premises of any person who shall violate any of the provisions of this section, and such offender shall be deprived of the use of the water until he shall have paid to the superintendent of water works for the use of the city, the sum of one dollar for cutting off and turning on the water, and shall have made all necessary repairs.

SEC. 10. No person upon any premises where a regular water rate is assessed, or who shall take water by special or meter rates, after the water shall have been shut off for cause, as is provided in sections seven and nine of this chapter, shall let on the water, or let the water run from the pipes on such premises, or authorize, cause or permit the water to be let on, or draw or use any water from the city water works, on the premises of any other person, with or without the permission of such person, unless the same be done by or under the direction of the superintendent of the city water works.

SEC. 11. No person shall open any hydrant or fire plug, or draw water therefrom, excepting the water commissioners or the superintendent, or persons under their direction, or the chief engineer of the fire department, and members of fire companies under his direction, for fire purposes.

SEC. 12. The mains shall be tapped and all lateral pipes laid by the city to the line of the street, the city furnishing the stop-cock and box and keeping the same at all times in repair, extraordinaries excepted; but the city will not be accountable for obstructions by frost or otherwise, or for leakage of hydrants or pipes, and damages thereby, upon the premises of individuals.

SEC. 13. No person shall remove, carry off, or in any way injure any hydrant, valve, valve box or cover, stop-cock, stop-box or cover, pipe, tool, apparatus, fixture, building, machinery or fence, belonging to the city water works.

SEC. 14. No person shall throw, put or place, or cause to be thrown, put or placed, in any public reservoir or watering trough, or the water thereof in the city, any stone, dirt, ashes, shavings, sticks, garbage, rubbish or filth of any kind, nor shall wade or bathe in, or cause or permit a dog or other animal to go into or swim in the water of a public reservoir or watering trough in the city.

SEC. 15. No person shall water a horse or cow or other animal at any of the public watering troughs of the city, or use any water therefrom, for the purpose of evading the payment of the regular rates charged by the city for the use of water in like cases, or with intent thereby to defraud the city of its lawful revenues.

SEC. 16. A person who shall violate any of the provisions of this chapter shall be punished by a fine of not more than fifty dollars nor less than two dollars.



# Burlington Statistics.

## 1763 to 1893.

Compiled by the City Clerk.

1763. June 7. Town chartered. Original area, 36 square miles, divided into 72 shares of 320 acres each. 1,040 acres reserved for highways.
1772. First surveys made by Ira Allen. Schooner "Liberty" built by him below Winooski Falls.
1773. First settlement in town by Felix Powell.
1774. March 23. First meeting of proprietors at Salisbury, Conn.
1778. March 7. First deed recorded recognizing the authority of Vermont.
1787. March 19. First town meeting on record.
1789. May 26. First record of marriage.
1790. March. Town first divided into two school districts.  
June 5. First record of birth.
1794. September. First Freeman's meeting.  
Oct. 27. Area of town reduced about one-third by legislature.
1791. First U. S. Census of town, population ..... 332
1800. Second U. S. Census of town, population . . . . . 815
1860. Last U. S. Census of town, population ..... 7,713
1890. Last U. S. Census of city, population ..... 14,590
1864. Nov. 22. Chartered a City.
1865. Jan. 18. Charter accepted.  
Feb. 21. City organized.
- Extreme length of city ..... 6.87 miles.  
Extreme width of city ..... 2.75 miles.



1892.	Number of acres assessed .....	5,456
	Assessed valuation of real and personal estate including polls, \$11,073,754 00	
	Rate of taxation per thousand .....	\$10 00
	Number of Polls assessed .....	3,304
1893.	Jan. 1. Net amount of bonded debt .....	\$304,584 51
	Miles of public streets .....	57½
	Miles macadamized, paved roads .....	9.951
	Miles macadamized, gravelled roads .....	12.189
	Miles of sidewalk curbed, flagged .....	8.628
	Miles of sidewalk curbed, concreted .....	2.841
	Miles of sidewalk curbed only .....	5.420
	Miles of sidewalk concreted only .....	.788
	Miles of public sewer .....	15.688
	Miles of water pipes .....	31.56
	Number of water services .....	2,664
	Number of water meters .....	711
	Number of water gates .....	347
	Number of hydrants .....	172
	Daily average gallons water pumped .....	789,289
	Total cost of construction of water works .....	\$373,956 94
	Number of street lights (electric) .....	128
	Number of Fire Alarms .....	26
	Number of letter boxes .....	48
	Number of children, (5-18) .....	3,707
	Girls .....	1,842
	Boys .....	1,865
	Number attending public schools .....	1,875
	other schools .....	1,238
	Number of school buildings .....	9
	Estimated value of .....	\$85,000
	School districts .....	6
	Number of teachers employed .....	47
	Expense of schools for 1892 .....	\$29,506 25
	Number of Volumes in Fletcher Library .....	25,619
1892.	March 1. Names on municipal check list .....	2,681
	Nov. 8. Freeman's meeting, names on check-list .....	2,982
1893.	March 7. Next municipal election.	

1789. First mercantile store opened; built by Stephen Keyes, and placed in charge of Orange Smith.
1790. First vessel built at Burlington.
1791. Nov. 3. University of Vermont chartered.  
A building for a preparatory school, used subsequently as a President's house, erected in 1794.  
First College building commenced, 1801, occupied in 1804, finished 1807.  
Medical Department organized 1821.  
University Building burned May 24, 1824.  
Corner stone of new building laid by Gen. Lafayette, June 29, 1825.  
Medical Society incorporated Nov. 17, 1825.  
University Institute incorporated Oct 23, 1834.  
Museum Building erected, for a Library, 1862.  
Agricultural College united by charter Nov. 9, 1865.  
President's house built, 1869.  
Park Gallery of Art founded, 1873.  
The main University building reconstructed, by Mr. J. P. Howard, 1883.  
Bronze Statue of Lafayette in College Park dedicated June 26, 1883.  
Present Medical College building opened, 1884.  
Billings Library dedicated, June 30, 1885.  
Number Volumes in library, 44,649.  
First experimental farm purchased, 1888.  
Second farm purchased and buildings erected, 1891.  
The Converse and Williams houses for Professors built in 1890.  
Mechanical Department buildings erected, 1891.
1792. June 1. First U. S. Post Office opened.  
July 17. First Postmaster (Amos Hutchins) appointed.
1795. Oct. 13. Washington Lodge No. 7, now No. 3 F. and A. M. chartered.
1796. First County Jail built. Lot on Church St. purchased for second County Jail, Aug. 21, 1807. House burned Jan. 30, 1851. Rebuilt at once. Premises sold April 23, 1887. Lot purchased for present County Jail, May 6, 1887. New Jail completed 1888.

1797. First County Court House built. Second Court House built in 1802. Burned 1828. House rebuilt in 1830. Premises sold to city for Library Building Oct. 1, 1872. Present County Court House completed in 1873.  
First newspaper, "Burlington Mercury," published; continued two years.
1801. March 19. "Centinel" first published. Discontinued 1877.
1805. Feb. 21. First Church organized.  
June 15. First Society, for social and public worship, organized.  
Nov. 8. Burlington Volunteers (Artillery Co.) incorporated.
1807. First Bank established (Branch of Vermont State Bank.)
1809. First Steamboat commenced running. The "Vermont," Capt. J. Winans, built at Burlington. The second successful steamboat in the world.
1810. Jan. 19. First Congregational Society (Unitarian) organized.  
Jan. First Calvinistic Congregational Society organized.  
April 10. First settled minister (over First Church.)  
19. Unitarian Church organized Its first minister settled same day.  
Elmwood Avenue Cemetery opened.
1811. First Town survey recorded.
1812. Dec. 12. First Church dedicated. Burned June 23, 1839.  
Present church dedicated April 14, 1842.
1813. March 13. Lake Champlain Steamboat Co. incorporated. Its first boat "Phoenix" commenced running 1815.  
Dec. 30. Village School Districts 1, 2, 8, consolidated.
1814. Sept. 9. First number of Burlington "Gazette" issued. Discontinued 1817.
1815. April 29. Lot for an Academy purchased by the Village School District.
1816. Feb. 9. Broad lake closed. Lake open April 5.  
July 15. Academy building completed. First term opened Sept. 3. William Calkins, Principal.
1817. Methodist Society founded: church lot purchased by Society April 14, 1832. First church built in 1834. Present church built in 1870.  
Jan. 29. Broad lake closed. Lake open April 16.

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1818. Feb. 2. Broad lake closed. Lake open April 15.  
 Nov. 9. Bank of Burlington incorporated, charter extended 1830,  
 1847, 1861.
1819. March 4. Broad lake closed. Lake open April 17.
1820. Feb. 3. Broad lake closed. Lake open March 12.
1821. Jan. 15. Broad lake closed. Lake open April 21.
1822. Jan. 24. Broad Lake closed. Lake open March 30.
1823. Feb. 7. Broad lake closed. Lake open April 5.  
 Oct. 31. Burlington Independent Greys (Infantry) incorporated.
1824. Jan. 22. Broad lake closed. Lake open Feb. 11.  
 April 9. Lot for Town Poor House purchased. Sold March 11,  
 1850.  
 Champlain Ferry Co. chartered. Its first boat "Gen. Greene,"  
 commenced running in 1825.
1825. Feb. 9. Broad lake closed. Lake open April 1.
1826. Feb. 1. Broad lake closed. Lake open March 24.  
 Oct. 26. Champlain Transportation Co. chartered. Its first boat  
 "Franklin" commenced running Oct. 10, 1827.
1827. Jan. 21. Broad lake closed. Lake open March 31.  
 June 15. First number of "Burlington Free Press" published.  
 Daily first issued March 25, 1848.  
 Champlain Glass Co. established, continued till 1835.
1828. Broad lake not frozen.
1829. Jan. 30. Broad lake closed. Lake open April 4.  
 Oct. 22. Burlington High School incorporated. Academy prop-  
 erty conveyed to the corporation Dec. 14.  
 Oct. 29. First Fire Company organized.
1830. Jan. 5. First Baptist Society founded. First church dedicated  
 April 3, 1845. Present church lot purchased by the Society  
 April 17, 1863. Present church built in 1864.  
 Jan. 15. Broad lake closed. Lake open April 12.  
 Feb. 24. Boxer Engine Co. No. 3, organized.  
 July. Roman Catholic Society (St. Mary's) founded.  
 First church built in 1832. Cathedral built in 1872.  
 Nov. 1. Lot purchased for Mt. St. Joseph and Calvary Cem-  
 eteries.

1830. Dec. 6. Prot. Episcopal Society (St. Paul's) organized. Church consecrated Nov. 25, 1832. Enlarged 1867. Chapel and Rectory, built in 1885.  
Branch Bank U. S. established.
1831. Jan. 16. Broad lake closed. Lake open April 10.
1832. Feb. 6. Broad lake closed. Lake open April 17.
1833. Feb. 2. Broad lake closed. Lake open April 6.  
April. Survey of Village made. Recorded March 31, 1839.  
First Catholic church erected. Burned May 2, 1838.  
St. Mary's church consecrated Oct. 13, 1841.
1834. April 14. Broad lake closed. Lake open April 21.  
Nov. 4. Farmers and Mechanics Bank incorporated.
1835. Jan. 10. Broad lake closed. Lake open April 12.  
Nov. 10. Burlington Mill Co. incorporated.
1836. Jan. 27. Broad lake closed. Lake open April 21.  
Sept. 27. Poor Farm purchased. Present house built in 1859.
1837. Jan. 15. Broad lake closed. Lake open April 28.  
Nov. 15. First Female Seminary incorporated.  
Breakwater commenced. N. B. Haswell, Supt.
1838. Feb. 2. Broad lake closed. Lake open April 13.
1839. Jan. 25. Broad lake closed. Lake open April 6.  
Oct. 15. Lot purchased for school house on street now called "Chase." Premises enlarged Oct. 19, 1871.  
Nov. 15. Burlington Volunteer Engine Co. incorporated.
1840. Jan. 25. Broad lake closed. Lake open Feb. 20.
1841. Feb. 18. Broad lake closed. Lake open April 26.
1842. Broad lake not frozen.
1843. Feb. 26. Broad lake closed. Lake open April 23.  
Roman Catholic Society (St. Joseph's) founded. Present church completed in 1887.
1844. Jan. 25. Broad lake closed. Lake open April 11.
1845. Jan. 14. Green Mountain Lodge No. 1, I. O. O. F. installed.  
Feb. 3. Broad lake closed. Lake open March 26.  
Oct. 27. Winooski Mill Co. incorporated.
1846. Feb. 10. Broad lake closed. Lake open March 30.  
July. "The Liberty Gazette" established, subsequently merged in Free Soil "Courier," and continued six years.  
Oct. 23. Hook and Ladder Co. No. 1, incorporated.



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1847. Feb. 15. Broad lake closed. Lake open April 24.  
Nov. 6. Burlington Savings Bank incorporated.
1848. Feb. 2. First telegraph line opened. (Troy and Canada Junction.)  
Feb. 13. Broad lake closed. Lake open March 31.  
June. "Burlington Courier" established Discontinued 1854.
1849. Feb. 7. Broad lake closed. Lake open March 30.  
The Vermont and Boston telegraph line, through the town,  
completed to Boston.  
First railroad opened. (Vermont Central and Rutland and Bur-  
lington.)  
Nov. 7. Burlington Aqueduct Company incorporated.  
Nov. 10. Merchants' Bank incorporated Chartered a National  
Bank May 31, 1865.  
Dec. 28. Union School District formed.
1850. Feb. First term Burlington Union High School opened.  
Broad lake not frozen.
1851. Feb. 1. Broad lake closed. Lake open March 30.  
Oct. 24. Champlain Steamboat Company incorporated.
1852. Jan. 18. Broad lake closed. Lake open April 21.  
Nov. 5. Burlington Gas Light Co. incorporated.  
Nov. 11. Pioneer Mechanic Shop Company incorporated.
1853. Jan. 28. Broad lake closed. Lake open April 10.  
Dec. 19. Town first lighted by gas.  
Pioneer Mechanic Shop built. Burned Nov. 21, 1882. Rebuilt.
1854. Jan. 28. Broad lake closed. Lake open April 11.  
Nov. 14. Vermont Episcopal Institute incorporated. Building  
completed 1860.  
Town Hall completed.
1855. Feb. 4. Broad lake closed. Lake open April 20.
1856. Jan. 22. Broad lake closed. Lake open April 18.
1857. Jan. 15. Broad lake closed. Lake open April 9.  
U. S. Custom House and P. O. building finished.  
April 24. Ethan Allen Engine Company, No. 4, organized. Incor-  
porated Nov. 24, 1882.
1858. Feb. 12. Broad lake closed. Lake open April 6.  
May. "Burlington Times" established. Merged in Free Press, July,  
1869.  
Nov. 13. Burlington Cornet Band incorporated.



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1859. Jan. 11. Broad lake closed. Lake open April 2.  
Nov. 1. Burlington Insurance Company incorporated.  
Nov. 12. Burlington Steam Draining Company incorporated.
1860. Feb. 2. Broad lake closed. Lake open April 2.  
Oct. Lot purchased for Main Street School House, and house built.  
Oct. 26. Burlington Law Library Society incorporated.  
Nov. 4. Third Congregational Church organized. Lot purchased for church Dec. 13, 1862. Church dedicated Feb. 27, 1866.
1861. Jan. 23. Broad lake closed. Lake open April 14.
1862. Feb. 5. Broad lake closed. Lake open April 23.  
Oct. 5. Burlington Woolen Company incorporated.  
Oct. 15. Burlington Cemetery Association incorporated.  
North and Murray school rebuilt. Premises enlarged May 10, 1871.
1863. Feb. 4. Broad lake closed. Lake open April 26.
1864. Feb. 17. Broad lake closed. Lake open March 13.  
Oct. 21. Burlington Manufacturing Company incorporated.
1865. Jan. 17. Broad lake closed. Lake open April 5.  
Sept. 23. City Market ground purchased.
1866. Jan. 30. Broad lake closed. Lake open April 11.  
May 28. Young Men's Christian Union organized. The "Union" changed to "Association" Feb. 10, 1869.  
Oct. 19. Providence Orphan Asylum and Hospital incorporated. Buildings erected 1882.  
Nov. 1. Home for Destitute Children incorporated. Its present building purchased July 16, 1866, was enlarged in 1875.
1867. Jan. 20. Broad lake closed. Lake open April 8.  
May 3. Lot purchased for City Reservoir, enlarged July 22, 1891. Second Reservoir built in 1888. Capacity of both reservoirs, 7,000,000 gallons.  
June 11. Howard House burned.  
Oct. 21. Burlington Steamboat Company incorporated. Its first boat, "Oakes Ames," commenced running in 1868.  
Dec. 25. City Water Works opened.
1868. Jan. 7. Broad lake closed. Lake open April 15.

1868. Mar. 19. Lot purchased for Lake View Cemetery. Enlarged June 23, 1868. First interment in Lake View Cemetery, July 6, 1868.  
March 31, School Districts passed into control of Board of School Commissioners.  
July 20. Stannard Post No. 2, organized.  
Oct. 19. Mutual Society of St. Joseph established.  
Oct. 28. Vermont Life Insurance Company incorporated. Its building completed 1877.
1869. Jan. 19. Broad lake closed. Lake open April 20.  
Feb. 11. Pine Street School property purchased. Premises enlarged May 15, 1869, and Jan. 18, 1892.  
May 29. Academy property deeded to the City by the Prudential Committee of the Burlington Union High School.  
Sept. Van Ness House completed, enlarged 1891.  
Nov. 8. Lake House burned.  
Nov. 19. Green Mt. Cemetery Association incorporated.
1870. Feb. 25. Broad lake closed. Lake open April 12.  
Old Academy building (built 1816) taken down.  
April 22. Mill of Burlington Manufacturing Company burned.  
June 16. Howard National Bank chartered.  
Nov. 11. Farmers and Mechanics Sav. Institution and Trust Co. incorporated.  
City Market built.  
Steamboat "A. Williams" finished. Rebuilt in 1880 and now running.
1871. Jan. 24. Broad lake closed. Lake open March 12.  
Present High School building completed. First term opened in it  
Sept. 11, Prof. Louis Pollens, Principal.  
Sept. 18. Star Hose Co. No. 2, organized.  
Oct. 17. Howard Hose Co. No. 5, organized.  
Nov. 14. Burlington Law Library organized  
Nov. 20. Clipper Hose Co. No. 6, organized.  
Steamboat "Vermont" finished. Rebuilt in 1881 and now running.
1872. Jan. 8. Broad lake closed. Lake open April 22.  
Oct. 31. Winooski & Burlington Horse R. R. Co. chartered.  
Nov. 15. Burlington Board of Trade incorporated.  
Dec. 2. Burlington Medical and Surgical Club organized.

1873. Jan. 29. Broad lake closed. Lake open April 25.  
Feb. 4. Lot purchased for Pomeroy School.  
March 10. Lot purchased for Adams School.  
April. Barnes Hose Company, No. 7, organized.  
June 12. Burlington Lodge No. 100, F. and A. M. chartered.  
July 4. Statue of Ethan Allen inaugurated.  
July 14. Fletcher Free Library founded. Opened July 16, 1875.  
"Vermont Witness" first published. Discontinued 1878.
1874. Feb. 1. Broad lake closed. Lake open March 27.  
March 26. First issue of the "Burlington Clipper."  
July 23. City voted to aid in the construction of the Burlington and Lamoille Railroad.  
The "Adams" and "Pomeroy" school houses erected.
1875. Jan. 16. Broad lake closed. Lake open April 30.  
Feb. 3, lot purchased for North Avenue School.
1876. Feb. 2. Broad lake closed. Lake open April 24.  
Feb. 21. Burlington Shirt Company organized.  
Nov. 18. Mary Fletcher Hospital incorporated.  
Hospital opened Jan. 22, 1879.
1877. Jan. 15. Broad lake closed. Lake open April 5.  
St. Patrick's Academy erected.  
"Burlington Sentinel and Democrat" published. Discontinued 1879.
1878. Jan. 29. Broad lake closed. Lake open March 1.  
Sept. 4. U. S. champion belt won by Barnes Hose Co. Held three years and now the property of the city.
1879. Jan. 29. Broad lake closed. Lake open April 22.  
Feb. 42. Howard Opera House opened.  
June 4. First Telephone line used.
1880. Feb. 2. Broad lake closed. Lake open March 7.  
Automatic Fire Alarm System introduced.  
Oct. 12. Lot for Higher water service purchased, Tank built in 1881 and enlarged in 1891. Present capacity 169,617 gallons.  
Steamboat "Maquam" finished; now running.
1881. Jan. 16. Broad lake closed. Lake open April 21.  
April 1. Burlington Philharmonic Society formed.  
First boat of Grand Isle Steamboat Company, "Reindeer," commenced running.  
July 1. First Free Delivery of U. S. Mail.

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1882. Feb. 4. Broad lake closed. Lake open Feb. 5.  
Feb. 25. Broad lake closed. Lake open March 4.  
April 11. Champlain Valley Association formed.  
Howard Mortuary Chapel, at Lake View Cemetery built.  
Nov. 14. Burlington Trust Company incorporated. Its building completed Feb. 1891.  
Nov. 29. Vermont Mortgage Security Company incorporated.
1883. Jan. 26. Broad lake closed. Lake open April 22.  
March 27. Y. M. C. Association incorporated.  
Feb. 15. Central House Block burned. Rebuilt.
1884. Jan. 8. Broad lake closed. Lake open April 19.  
April 22. Venetian Blind Company organized.  
June 8. Berean Baptist Society organized. Church lot purchased Feb. 16, 1885. Enlarged March 19, 1891.  
Present church dedicated Nov. 20, 1885.  
St. Joseph's College opened.  
Oct. 2. Linsley's Mill burned.  
Oct. 7. Lot purchased for Star Hose Co. House erected 1885.  
Nov. 19. Howard Relief Society incorporated.  
Its building opened May 2, 1888.
1885. Jan. 29. Broad lake closed. Lake open April 25.  
Spool and Bobbin Mill of L. Barnes burned. Rebuilt.  
June 20. "Burlington Independent" first published.  
Sept. 1. Burlington Improvement Co. organized.  
Sept. 2. First Horse Railroad Company organized.  
Nov. 16. Street Railroad opened.
1886. Jan. 19. Wheeler's Block burned. Rebuilt.  
Jan. 24. Broad lake closed. Lake open April 15.  
Burlington Coasting Club organized.  
Burlington Ice Yacht Club organized.  
Feb. 22-26. First Carnival of winter sports.  
March 18. Evarts House burned.  
August. City first lighted by electricity.  
Oct. 21. Burlington Cancer Relief Association incorporated.  
Lot and house conveyed to it Oct. 31, 1887.  
Nov. 17. Home for Aged Women incorporated.  
Its building opened 1888.  
Nov. 22. Burlington Board of Trade incorporated.

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1887. Jan. 9. Broad lake closed. Lake open Jan. 12.  
 Jan. 14. Strong and Huntington block burned. Rebuilt.  
 Feb. 13. Broad lake closed. Lake open April 27.  
 "Hotel Burlington" built.  
 Present Barnes Hose House erected. Lot purchased Aug. 14,  
 1875. Enlarged June 4, 1887.  
 Yacht Club House built.
1888. Jan. 22. Broad lake closed. Lake open April 22.  
 Feb. 13. Elmwood Avenue School property purchased. Enlarged  
 June 12, 1890.  
 June 6. Shepard & Morse's Mill burned.  
 St. Mary's Academy erected.  
 Sept. 19. Bishop Hopkins Hall opened.  
 Nov. 11. Louisa Howard Mission House dedicated.  
 Nov. 15. The Algonquin Club incorporated.  
 Steamer "Chateaugay" finished, now running.
1889. Jan. 3. St. Mary's R. C. Mutual Benevolent Association formed.  
 Feb. 7. Broad lake closed. Lake open March 27.  
 Nov. 26. Y. M. C. A. Building dedicated.  
 Ethan Allen Engine House completed.  
 First Jewish Synagogue founded.  
 Nov. 23. Lumber of Skillings, Whitney & Barnes burned.  
 Dec. 2. Lot purchased for Ward 1, House. Building erected in  
 1890.  
 Dec. 7. "The Earth" commenced publication.
1890. Feb. 10. Broad lake closed. Lake open Feb. 11.  
 Feb. 21. Broad lake closed. Lake open Feb. 28.  
 March 7. Broad lake closed. Lake open March 12.  
 Aug. 15. Vermont Investment Company incorporated.  
 Nov. 9. Burlington Safe Deposit Company incorporated.  
 Nov. 24. Burlington Manufacturing Promoter Co. incorporated.  
 Dec. 16. A. C. Spear Engine Company No. 8, organized.  
 Burlington Cold Storage Co. organized.
1891. Jan. 27. Broad lake closed. Lake open Jan. 31.  
 Feb. 14. Broad lake closed. Lake open Feb. 27.  
 Feb. 24. J. H. Gates & Co. Cotton Mill burned. Rebuilt.  
 March 8. Broad lake closed. Lake open April 2.  
 Dec. 1. Catholic Young Men's Union formed.  
 City barn built.



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1892. Feb. 14. Broad lake closed. Lake open April 3.  
June 21. Lot purchased for Howard Hose House.  
July. Erection of Converse School begun.  
Aug. 23. The W. C. T. Union incorporated.  
Aug. "The Poultry and Horse Review" commenced publication.  
Oct. 22. Celebration of Columbus Day by citizens and schools.  
Nov. 11. Merchant Safe Deposit Company incorporated.  
16. Lake Champlain Yacht Club incorporated.  
22. Masonic Temple Association of Vermont incorporated.  
24. Second fire alarm striker purchased.  
30. First steamer purchased for fire department.  
Dec. 16. The Adams Mission Home organized.  
Number marriages, 151. Birth, 391. Deaths, 336.  
Mean average temperature for 53 years, 45.12°.  
Mean annual ave. of range of temperature for 53 years, 47.27°.
1893. Jan. 16. Broad lake closed.





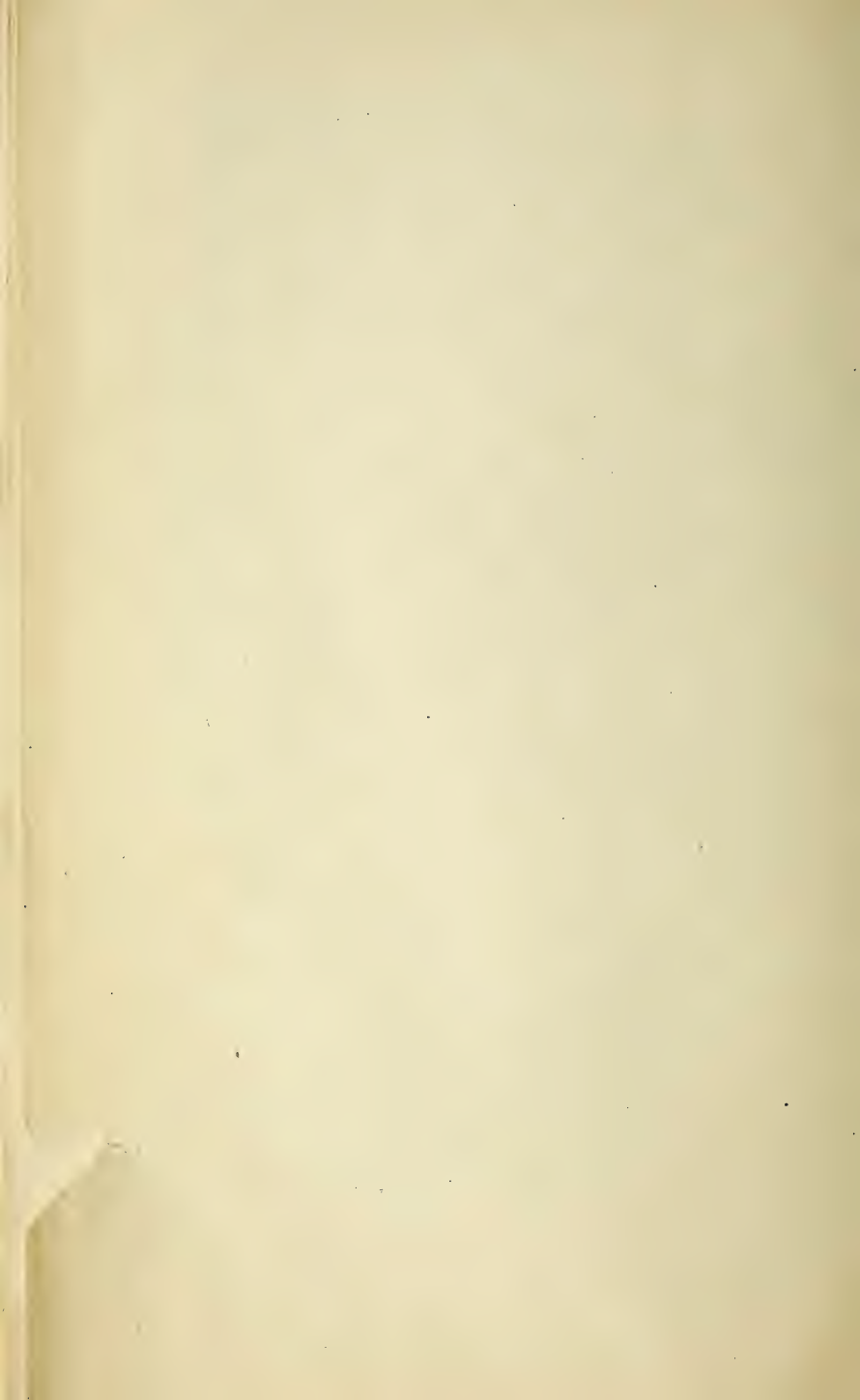
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# CITY ELECTION.

## WARNING.

*The Legal Voters in City Meeting, of the City of Burlington, Vt., are hereby notified and warned to meet on*

**TUESDAY, THE (7th) SEVENTH DAY OF MARCH,**

A. D. 1893, at nine o'clock in the forenoon, in their respective Wards, at the several voting places hereinafter named, for the purpose of electing a Mayor, and for the purpose of electing in  
WARD ONE. One Alderman; and Ward Officers; and in  
WARD TWO. One Alderman; one School Commissioner; and Ward Officers; and in  
WARD THREE. One Alderman; and Ward Officers; and in  
WARD FOUR. One Alderman; one School Commissioner; and Ward Officers; and in  
WARD FIVE. One Alderman; one School Commissioner; and Ward Officers.

All of whom to hold office for one year, except Aldermen and School Commissioners, who are to be elected for terms of two years each. The following are designated as voting places, viz :

In WARD ONE, at the Ward House, No. 58 Colchester Avenue.

In WARD TWO, at the house of Star Hose Co., No. 128 North Winooski Avenue.

In WARD THREE, at the house of Barnes Hose Co., No. 120 North Champlain Street.

In WARD FOUR, at City Court Room, City Hall Building.

In WARD FIVE, at Wm. Smith's Carriage Repository, No. 151 St. Paul Street.

The Polls open at 9 o'clock in the forenoon, and close at 2 o'clock in the afternoon.

SENECA HASELTON, MAYOR.

Burlington, Vt., February 20th, 1893.

TWENTY-NINTH

ANNUAL REPORT

OF THE

City of Burlington,

VERMONT,



FOR THE


Year Ending December 31, 1893.

---


BURLINGTON :

P. C. DODGE, STEAM BOOK AND JOB PRINTER.

1894.



WHITNEY & SHANLEY,  
BINDERS AND BLANK BOOK MANUFACTURERS,  
BURLINGTON, . . . VERMONT.







CONVERSE SCHOOL.

PHOTO BY ADSTT.

TWENTY-NINTH

ANNUAL REPORT

OF THE

City of Burlington,

VERMONT,



FOR THE

Year Ending December 31, 1893.

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BURLINGTON :

P. C. DODGE, STEAM BOOK AND JOB PRINTER.

1894.



# Resolution.

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Resolution relating to the publication of the Twenty-ninth Annual City Report, introduced by Alderman Read, in the Board of Aldermen, at a meeting held on the 8th day of January, 1894, and adopted, in the words following :

## CITY OF BURLINGTON,

In the year one thousand eight hundred and ninety-four, *Resolved*, by the City Council of the City of Burlington, as follows :

The City Clerk is hereby directed to prepare for publication the Annual Reports of the City officers, and such other matter as is usually published in the City Reports, for the year ending December 31, 1893, and, by and with the advice and direction of the Committee on Printing and Publication, to procure printed 1,300 copies thereof for taxpayers and general distribution, and that said copies be printed ready for such distribution by the 17th day of February, 1894.

Approved January 9th, 1894.

SENECA HASELTON, *Mayor*.

# Government and Officers

OF THE

## CITY OF BURLINGTON,

FOR 1893.

---

*Mayor,*

HIS HONOR, SENECA HASELTON.

Office, No. 3 City Hall,      Residence, Van Ness House.

---

### BOARD OF ALDERMEN.

*President,*

CLARENCE HICKS.

*First Ward,*

ELMER E. DAVIS,      Residence, 243 Colchester Avenue.  
Term expires April, 1895.

CLAYTON C. READ,      Residence, 132 Colchester Avenue.  
Term expires April, 1894.

*Second Ward,*

HENRY J. GUTCHELL,      Residence, 35 School Street.  
Term expires April, 1895.

HENRY W. HALL,      Residence, 41 Clarke Street.  
Term expires April, 1894.

*Third Ward,*

JOHN J. SHEA,            Residence, 60 North Champlain Street.  
Term expires April, 1895.

PETER RITCHIE,        Residence, 125 North Champlain Street.  
Term expires April, 1894.

*Fourth Ward,*

JAMES E. BURKE,            Residence, 56 Cherry Street.  
Term expires April, 1895.

R. G. SEVERSON,            Residence, 308 Main Street.  
Term expires April, 1894.

*Fifth Ward,*

JAMES B. HENDERSON,      Residence, 254 South Union Street.  
Term expires April, 1895.

CLARENCE HICKS,            Residence, 169 Church Street.  
Term expires April, 1894.

Clerk, *ex-officio*, CHARLES E. ALLEN.

Regular meetings of the Board, first Monday in each month, at No. 2 City Hall.

# Standing Committées

OF THE  
BOARD OF ALDERMEN.

---

*On Water Department,*  
Aldermen Ritchie, Burke and Read.

*On Fire Department,*  
Aldermen Shea, Hall and Burke.

*On Street Department,*  
Aldermen Burke, Severson and Ritchie.

*On Accounts and Claims,*  
Aldermen Davis, Severson and Gutchell.

*On Pauper Department,*  
Aldermen Gutchell, Davis and Shea.

*On Public Buildings and Parks,*  
Aldermen Henderson, Hall and Burke.

*On Printing and Publication,*  
Aldermen Read, Shea and Henderson.

*On School and Library Affairs,*  
Aldermen Severson, Ritchie and Read.

*On Health,*  
Aldermen Hall, Ritchie and Davis.

*On Liquor Agency,*  
Aldermen Hicks, Gutchell and Henderson.

## City Officers.

---

CITY CLERK,

CHARLES E. ALLEN.

Office, No. 2 City Hall.      Residence, 142 University Place.

ASSISTANT CLERK,

GILBERT A. DOW,      Residence, 226 Pearl Street.

CITY TREASURER,

EMORY C. MOWER.

Office No. 4 City Hall.      Residence, 328 Pearl Street.

CITY ATTORNEY,

JAMES A. BROWN.

Office, 152 Church Street.      Residence, 14 So. Union Street.

CONSTABLE AND COLLECTOR OF STATE AND COUNTY TAXES,

JAMES A. KELLEY.

Office, 179 College Street.      Residence, 173 Maple Street.

HEALTH OFFICER,

HIRAM A. CRANDALL, M. D.

Office, 152 Cherry Street.      Residence, 154 Cherry Street.

ENGINEER AND SURVEYOR,

H. M. McINTOSH, C. E.

Office, City Market Building.      Residence, 95 College Street.

GRAND JUROR,

RUFUS E. BROWN.

Office, American Block.      Residence, 28 Pine Street.

## OVERSEER OF POOR,

JAMES E. RUSSELL.

Office, 90 Church Street. Residence, 429 South Willard St.

## TRUSTEE U. S. DEPOSIT FUND,

EMORY C. MOWER.

Office, No. 4 City Hall. Residence, 328 Pearl Street.

## FENCE VIEWERS,

CLEOPHAS LAPRESE, Residence, Shelburne Road.

O. DEVARENNES, Residence, 82 North Street.

## SEALER OF WEIGHTS AND MEASURES,

WILLIAM FITZGERALD, Residence, 57 North Champlain St.

## CITY WEIGHER AND WOOD MEASURER,

WILLIAM FITZGERALD, Residence, 57 North Champlain St.

## CITY LIQUOR AGENT,

ETHELBERT SELDEN, Residence, 42 Church Street.

Office, No. 20 City Hall.

## CITY PHYSICIAN,

GEORGE S. CAHILL, M. D., Office, 104 Pearl Street.

## AUDITORS,

GEORGE W. BECKWITH, Residence, 236 Main Street.

CHARLES F. GROVER, Residence, 25 Lafayette Place.

S. R. WAGER, Residence, 248 North Avenue.

## JANITOR OF CITY HALL,

E. C. MOWER, Office, No. 4 City Hall.

## POUND KEEPER,

WILLIAM FRANCIS, Convent Square.



---

**STREET DEPARTMENT.****BOARD OF STREET COMMISSIONERS.**

ELLIOT M. SUTTON, Residence, 375 St. Paul Street.  
*Term expires 1896.*

JOHN G. BACON, Office, 28 Cedar Street.  
*Term expires 1895.*

N. KING BROWN, *Chairman*, Office, 115 St. Paul Street.  
*Term expires 1894.*

**SUPERINTENDENT OF STREETS,**

HERALD STEVENS, Residence, 320 North Winooski Avenue.  
Office, City Market Building.

---

**FIRE DEPARTMENT.**

Office, Ethan Allen Building.

**CHIEF ENGINEER,**

W. E. MORSE, Office, 211 College Street.

**FIRST ASSISTANT,**

GEORGE G. MUNSON, Office, 137 Church Street.

**SECOND ASSISTANT,**

WILLIAM J. MURPHY, Residence, 13 Pitkin Street.

**THIRD ASSISTANT,**

LOUIS PINE, Residence, 31 Hyde Street.

**FOURTH ASSISTANT,**

ALEXANDER MORRISON, Residence, Mechanics Street.

**SUPERINTENDENT OF FIRE ALARM,**

J. E. THOMAS, Office, 123 Church Street.

## BOARD OF FIRE WARDENS.

## WARD.

- I. F. M. CORSE, *Sec'y*, Residence, 262 Pearl Street.  
II. A. W. JOHNSON, Residence, 8 Hickok Place.  
III. PHILLIP RITCHIE, Residence, 129 No. Champlain St.  
IV. DANIEL MURRAY, *Chairman*,  
Residence, 71 South Winooski Avenue.  
V. P. J. ENRIGHT, Residence, 250 Maple Street.
- 

## ASSESSORS.

Office, No. 7 City Hall.

- FRED JOHONNOTT, *Chairman*, Residence, 236 So. Union St.  
*Term expires 1896.*  
JOHN J. FLYNN, Residence, 11 North Union Street.  
*Term expires 1895.*  
EDWARD F. BROWNELL, Residence, Park Avenue.  
*Term expires 1894.*  
EMORY C. MOWER, Residence, 328 Pearl Street.  
*Resigned May 1, 1893.*
- 

## WATER COMMISSIONERS.

- WILLIAM E. HALL, Residence, 204 South Union Street.  
*Term expires 1896.*  
LOWELL C. GRANT, Residence, Hotel Burlington.  
*Term expires 1895.*  
A. H. PARKER, *Chairman*, Residence, 38 Battery Place.  
*Term expires 1894.*

## SUPERINTENDENT OF WATER WORKS.

- FRANK H. CRANDALL, Residence, 67 Elmwood Avenue.

**CEMETERY COMMISSIONERS.**

- JOEL H. HOLTON, Office, 98 Church Street.  
*Term expires 1896.*
- ALBERT G. PEIRCE, *Chairman*, Office, 190 College Street.  
*Term expires 1895.*
- A. P. GRINNELL, Office, 272 Main Street.  
*Term expires 1894.*
- ELI POQUETTE, Residence, Lake View Cemetery.  
*To September 13th, 1893.*
- 

**CITY COURT.**

JUDGE,

HAMILTON S. PECK.

Court Room, 9 City Hall. Residence, 406 So. Union St.

CLERK,

SHERWIN M. FLINT.

Office, 8 City Hall. Residence, 182 Main St.

**CITY POLICE.**

CHIEF,

JEROME DUMAS.

Office, 162 Main St. Residence, 192 Elmwood Ave.

REGULAR POLICEMEN,

JAMES E. CAYEA,	EDWARD LYNCH,
P. J. COSGROVE,	JAMES McCARTY,
F. A. DOUGHERTY,	MILO C. GRATON,
M. MURPHY, JR.,	GEORGE H. ROGERS.

**SCHOOL DEPARTMENT.**

## BOARD OF SCHOOL COMMISSIONERS.

Ward 1. CHALES E. ALLEN, Residence, 142 University Pl.  
*Term expires April, 1894.*

Ward 2. D. C. HAWLEY, M. D.,  
Residence, 42 No. Winooski Ave.  
*Term expires April, 1895.*

Ward 3. JOHN R. KELLEY, Residence, 124 No. Battery St.  
*Term expires April, 1894.*

Ward 4. CHARLES C. MILLER, Residence, 24 St. Paul St.  
*Term expires April, 1895.*

Ward 5. WM. H. LANE, JR., Residence, 192 So. Union St.  
*Term expires April, 1895.*

## CLERK OF BOARD,

CHARLES E. ALLEN, Office, No. 2 City Hall.

Regular meetings first Friday of each month, at 7:30 P. M.,  
at the office of the Superintendent of Schools.

## SUPERINTENDENT OF SCHOOLS,

HENRY O. WHEELER, Residence, 335 So. Union Street.  
Office in Fletcher Library Building, Church Street.

## TRUANT OFFICERS,

M. MURPHY, JR., J. E. CAYEA, 162 Main Street.

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**TERMS OF OFFICE.**

The term of office of the Mayor and Aldermen commences the first Monday of April ; of the School Commissioners, the first day of April.

CEMETERY AND WATER COMMISSIONERS.—One elected

in April each year for a term of three years, from April 25th, next following his election.

**STREET COMMISSIONERS.**—One elected in April each year, for a term of three years from May 1st, following his election, and until his successor is elected.

**CITY ASSESSORS.**—One elected in March each year, for a term of three years from April 1st, following his election, and until his successor is elected and qualified. All others of the foregoing named officers, one year from April 25th, 1893.

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### FLETCHER FREE LIBRARY.

#### TRUSTEES.

His Honor, THE MAYOR, *ex-officio*.

MATTHEW H. BUCKHAM,      Residence, 28 University Place.  
EDWARD J. PHELPS,      Residence, 251 So. Willard Street.  
SAMUEL HUNTINGTON,      Residence, 77 No. Winooski Ave.  
J. ISHAM BLISS,      Residence, 108 Bank Street.  
Secretary of the Board, Rev. J. I. Bliss, D. D.

#### LIBRARIAN,

MISS SARAH C. HAGAR,      Residence, 323 College Street.

#### ASSISTANT LIBRARIAN,

MISS LIZZIE R. MOORE, Residence, 152 No. Prospect Street.

#### MESSENGER,

GEORGE HENDERSON,      Residence, 46 Chase Street.

## Ward Officers.

---

### WARD ONE.

*Clerk*—P. B. Keeler.

*Inspectors of Election*—Frank E. Perkins, Patrick Foley,  
J. H. Chambers.

### WARD TWO.

*Clerk*—Edwin S. Spear.

*Inspectors of Election*—A. H. Duhamel, Edward J. Booth,  
Heman Crooker, Jr.

### WARD THREE.

*Clerk*—H. W. O'Connor.

*Inspectors of Election*—Peter Marengo, Jr., R. J. Madigan,  
Thomas Failey.

### WARD FOUR.

*Clerk*—Thomas C. Hill.

*Inspectors of Election*—George L. LaFountain, Chas. B. Gray,  
Howard Crane.

### WARD FIVE.

*Clerk*—John W. Johnson.

*Inspectors of Election*—Luman A. Drew, James S. Denning,  
Thomas P. Daley.

City election first Tuesday in March.



# Party Organizations.

## CITY COMMITTEES.

### REPUBLICAN.

Elihu B. Taft,  
H. W. Hall,  
T. F. Ahearn,  
W. S. Vincent,  
C. L. Smith.

### DEMOCRATIC.

James F. Henry,  
Freeman Saltus, Jr.  
M. Murphy, Jr.  
P. H. Fitzsimmons.  
Clarence Hicks.

## WARD COMMITTEES.

E. H. Nash, George Stevens, Geo. W. Keeler.	}	Ward I.	{	J. F. Henry, John Collins, Jr. Patrick Henry.
Napoleon Laury, L. A. Dion, C. H. Stearns.	}	Ward II.	{	F. A. Dougherty, F. X. Thibault, N. B. Shortsleeves
A. E. King, T. F. Ahearn, W. B. Gates.	}	Ward III.	{	P. Lynch, P. H. Moran, F. Pippin.
A. L. Walker, S. M. Flint, Louis Miller.	}	Ward IV.	{	J. E. Cook, E. H. O'Brien, R. C. Croker.
F. E. Burgess, C. R. Nash, P. Rourke.	}	Ward V.	{	J. J. Enright, J. W. Daley, C. L. Dolan.

## Mayor's Message.

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Delivered before the City Council, April 3d, 1893.

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*To the Honorable Board of Aldermen :*

GENTLEMEN :—Without aiming at a full review of existing municipal conditions and without attempting to outline a policy, I will briefly make some reference to the present affairs of our city and some suggestions as to the future, such as the occasion invites.

### THE FUNDED DEBT.

The gross bonded debt of the city is \$415,000, of which sum \$30,000 is the amount of school bonds issued about a year ago. The general sinking fund is now \$110,415.49, and the school bond sinking fund, established to meet the requirements of law, has had carried to its credit the sum of \$1100. The net bonded debt of the city stands, therefore, at \$303,784.51. Notwithstanding the issue of school bonds above referred to, the net bonded debt of the city is to-day about \$3000 less than it was on the first day of January, 1890, on account of the healthy rate at which our present policy in respect to the sinking fund provides for the redemption of our debt.

There are to-day outstanding reservoir notes to the amount of \$15,000, whereas on the first day of January, 1890, the amount of such notes aggregated \$22,500. As these notes do

not differ from the bonds of the city in any essential feature, the true funded debt of the city is now about \$10,000 less than it was at the beginning of the year 1890, notwithstanding the issue of school bonds referred to.

Six per cent. bonds, to the amount of \$20,000.00, will mature on the first day of July in the present year. Under existing provisions of law the city council has authority to retire these by an issue of renewal bonds of like amount, and you will soon find occasion to consider the matter of such renewal.

### TRUST FUNDS.

The trust funds, held by the cemetery commissioners on the account of Lake View cemetery, yielded in 1892 a larger income than in 1891, as did also the like funds held on the account of Elmwood avenue cemetery. The cemetery commissioners have discharged their duties carefully and prudently, and as their terms successively expire the importance of maintaining the high character of this board should never be forgotten.

### SEWERS.

A committee appointed by the Board of Aldermen and the corporation owning the land at the mouth of the main sewer, have arranged the terms of a contract, under which the prevention of any further nuisance in that vicinity will be assured, and some valuable privileges incidentally secured to the city. The contract, as drawn up, differs in one or two particulars from that which, by a resolution of the city council, the mayor was instructed to execute, and it, therefore, seems desirable that a resolution should be passed authorizing and directing the execution of the specific contract which the committee appointed by the Board are prepared to recommend. It is earnestly to be hoped that no obstacle may be interposed to the solution of what

has been for some time a vexatious yet highly important question.

### WATER.

For some years the people of Burlington have had under discussion what may be called the water question. It should be enough to say that in the matter of pure water we should be above reproach or even suspicion, and to that end the water department has been making experiments and soundings and maturing plans looking to a very considerable extension into the lake of the conduit through which water is brought to our reservoirs. Nothing can be accomplished if the friends of improvement are divided as to plans and methods, and there is reason to believe that, without much dissension, the community will make possible the realization of the plans above referred to, provided those plans are sanctioned and recommended by the City Council. Their realization will, however, be burdensome unless the necessary funds are provided by an issue of bonds. In view of the facts herein stated as to the rate of reduction of our debt, there is no good reason for hesitating at such an issue of bonds as will enable us, in respect to the matter under consideration, to satisfy the apprehensive among our citizens and the outside public, and to correct a sentiment which, whether justly or unjustly, operates somewhat to our detriment. Whatever improvements add to the desirability and popularity of our city as a place of residence or as a resort, restores to our taxpayers, many times over, the cost of such improvements.

### STREETS.

An important amendment to the city charter, made at the recent session of the Legislature, permits certain assessments for improvements within the street lines to be paid in installments, and provides a form of security which, it is believed,

may be readily and advantageously marketed. The same general plan has been adopted and is in use, with satisfaction and approval, in many of the more progressive cities of the country, and, if it is cautiously proceeded under, it may be made the instrument of hastening needed improvements without embarrassment to property owners and without increasing the obligations of the city. With respect to the large amount of work completed or begun by the street department during the year ending on the first day of January last, it must suffice to refer to the full details given in the report of the superintendent of streets.

#### PUBLIC BUILDINGS AND PARKS.

During the year 1892 the chief outlay under the direction of this department was upon the new hose house provided in Ward five for the accommodation of the Howard Hose company. Such accommodations as that company will now have it has long needed and deserved, and the company and property owners in the south part of the city are to be felicitated upon the erection of this building. Battery Park has not as yet received the attention which it deserves. With its size, its outlook, and its associations, it is an inheritance highly to be prized, but our generation has given little evidence that it is appreciated.

#### THE POLICE.

It has come about that our city is, and for some time has been, free from high crimes to an extraordinary degree. Our citizens have a justifiable sense of practical security against burglaries, robberies and larcenies. Efforts at improvement in the police force should at no time be relinquished, but nothing is gained by ignoring the merits and services of effi-

cient, faithful, and withal, poorly paid officers. The present system of appointing a large number of special policemen for local purposes, at the request and on the recommendation of those interested in such appointments, affords occasional opportunities for comment and criticism which are unjust to the regular and paid policemen of the city, but the system cannot at present well be abandoned, as it results in a great saving of expense to the city.

### POOR DEPARTMENT.

The present poor farm is in a locality in which the price of real estate, on account of great natural advantages, is somewhat high. A question has therefore been raised as to whether the city has not in this farm an unnecessarily large investment; and it has been suggested that the city might withdraw some portion of its capital so invested and at the same time provide better accommodation for its poor, by selling the present poor farm and purchasing another in a different locality. Such steps should not be taken without deliberation and a careful estimate of present and prospective values, but the suggestion deserves consideration. If a pest house is to be regarded as a necessary adjunct of a poor farm, then the question of the location of such farm acquires additional emphasis.

### THE FIRE DEPARTMENT.

Our facilities for sounding fire alarms and for extinguishing fires are on the whole good, and the enrollment in our fire companies is to a high degree creditable to the city. The prevention of fires is a matter which has never received adequate attention, and reflections upon the carelessness of the community, in this regard, have been suggested to many minds by



the recent fire which put in peril some of the most valuable and centrally located property in the city. The office of fire warden is clearly of great importance. The wardens should be selected with care, and should on their part consent to bestow some time upon their official duties and to exercise considerable vigilance in their discharge.

### THE FREE LIBRARY.

The use made of the library is now so great that the efficient librarian, without pay for extra time, actually keeps it open, on an average an hour or two a day more than the regulations of the trustees require. The Library hall is undeniably too small to accommodate the present collection of books, and the matter of increased library room must be treated as a practical rather than as a sentimental question. The site of the present building is more desirable, if the usefulness of the Library is to be looked at, than any other which has been suggested, and it is a thing of no small consequence that the city already owns it. The extension of the building, under the supervision of a competent architect, westward to the west line of the City hall, would afford book facilities for years to come, would greatly beautify the adjacent park, and, as compared with the purchase of a new site and the erection of a new building, would involve a light expenditure. It may not be too early to secure plans and estimates from competent architects in order that such immediate work as is done to meet present necessities may not be inconsistent with an ultimate design. Some conference between the trustees of the Library and the proper committee of the Board of Aldermen looking to enlarged usefulness on the part of the Library might well be had.

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SCHOOL DEPARTMENT.

The interest which is at present generally felt in affairs under the control of the school department relates to a considerable extent to the completion of the new school building begun last year. This building when done must be furnished, and for furniture the board of school commissioners ask a special appropriation.

The report of the superintendent of schools, and the reports therein embodied, are of statistical value and show that Burlington is taking no back steps in the matter of public education. A law of the last session of the Legislature requires the appointment of two truant officers, and the law must, of course, be complied with, but it is doubtful if two officers can deal with truancy more effectually and satisfactorily than it has been dealt with by the single truant officer appointed a year ago under the law then in force.

## MISCELLANEOUS SUGGESTIONS.

An ordinance of the city provides that every person who, within the limits of the city, uses any weight or measure to ascertain the length, weight or quantity of any article sold by him shall have such weight or measure sealed by the sealer of weights and measures appointed by the City Council. So many articles are sold by persons transiently in the city whose degree of responsibility is in many cases unknown, that there should be secured to purchasers the protection which the ordinance referred to was designed to give them. The office of sealer of weights and measures may advisedly be bestowed upon some one who is prepared to exact compliance with the proper commercial regulations of the city that come within the purview of his office.

Until a comparatively recent time matters of importance,

to whatever department of the city government they might relate, were considered by the whole Board of Aldermen before they were definitely acted upon by the appropriate committee. So too, the chairmen of the respective committees carefully recognized the equal power of the other members.

There has been of late, it is believed, some departure from the earlier and better practice in both respects, and while no serious harm is known to have resulted from the innovation, it is possible, if the present tendency continues, for the Board to find itself practically committed to measures which a majority of its members do not approve. General principles of municipal government, and the experience of other cities, alike suggest a return to the earlier and safer methods of procedure.

### CONCLUSION.

In conclusion, permit me to say, that the National government and the State government together do not so vitally affect the interests of this community as does its own local government. This is empathically true, notwithstanding the fact that in respect to the concerns of public justice and the public health the sphere of our local government has by recent legislative action been greatly narrowed. We can, therefore, rightly do no less than to exercise with entire fidelity, and with such prudence and foresight as we may command, the governmental powers which are placed in our hands. It should be ours to allay the misleading rancor of partisanship which others may deem it for their interests to excite. It should be ours to see that with respect to municipal affairs, our motives, our conclusions and our acts are only such as are shaped by honest solicitude for the public welfare.

SENECA HASELTON, Mayor.

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TWENTY-SIXTH ANNUAL REPORT  
OF THE  
**Superintendent of Schools.**

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**DEPARTMENT OF PUBLIC SCHOOLS.**

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**BOARD OF SCHOOL COMMISSIONERS.**

PRESIDENT,  
HENRY O. WHEELER, SUPERINTENDENT.

CLERK,  
CHARLES E. ALLEN.

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WARD ONE,  
CHARLES E. ALLEN.  
*Term expires April 1st, 1894.*

WARD TWO,  
DONLY C. HAWLEY.  
*Term expires April 1st, 1895.*

WARD THREE,  
JOHN R. KELLEY.  
*Term expires April 1st, 1894.*

WARD FOUR,  
CHARLES C. MILLER.  
*Term expires April 1st, 1895.*

WARD FIVE,  
WILLIAM H. LANE, JR.  
*Term expires April 1st, 1895.*

TRUANT OFFICERS,  
MICHAEL MURPHY, JR.,      JAMES E. CAYEA.

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### STANDING COMMITTEES.

*On School Houses and School Property,*  
Superintendent WHEELER,  
Commissioners KELLEY, HAWLEY AND MILLER.

*On School Instruction, Text-Books and Teachers,*  
Superintendent WHEELER,  
Commissioners LANE, ALLEN and HAWLEY.

*On Finance and Accounts,*  
Superintendent WHEELER,  
Commissioners ALLEN, MILLER and KELLEY.

*On Rules and Regulations,*  
Superintendent WHEELER,  
Commissioners HAWLEY, LANE and MILLER.

#### *Regular Meetings of the Board,*

First Friday in each month, at 7:30 P. M., at the Superintendent's office in the Fletcher Free Library Building.

Superintendent's office hours from 4:15 to 5:15 P. M., school days.

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ROLL OF TEACHERS.

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WINTER TERM, 1894.

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*High School.*

Principal—Sealand W. Landon.  
First Assistant—Elizabeth M. Benedict.  
Second Assistant—Effie Moore.  
Third Assistant—Mabel C. Hawes.  
Fourth Assistant—Phebe M. Towle.  
Teacher of French—Annie T. Smith.

*Grammar School.*

Principal—Mary E. Wells.  
First Assistant—Minerva A. Laing.  
Second Assistant—Bertha L. Hawes.

*Main Street Grammar, No. 1.*

Teacher—Mrs. Ellen H. Vilas.

*Main Street Grammar, No. 2.*

Teacher—Kate E. Lowrey.

*Converse School.*

Sarah A. Martin, C—Grammar, and Principal of Grammar and Intermediate Grades.  
Lillian E. Coyne, A—Intermediate.  
Annis L. Isham, B—Intermediate.  
Jennie M. Mathews, C—Intermediate.  
Mrs. Mary B. Mayo, A—Primary and Principal of Primary Grades and Kindergarten.  
Margaret O. Wright, B—Primary.  
Mary A. Farrell, C—Primary.  
Laura M. Ryan, Kindergarten.



*Pomeroy Intermediate.*

Principal—Emma J. Chapman.  
First Assistant—Clara M. Lawrence.  
Second Assistant—Helena A. Smith.

*Adams Intermediate.*

Principal—Anna G. Bell.  
First Assistant—Lucy A. Baker.  
Second Assistant—Anna L. Dyke.

*North and Murray Streets Intermediate.*

Teacher—Cora B. Drew.

*Pomeroy Primary.*

Principal—Jessie N. Griswold.  
First Assistant—Clara Atwater.  
Second Assistant—F. Bertha Baker.

*Adams Primary.*

Principal—Mrs. Kate P. Miller.  
First Assistant—Lucia M. Andrews.  
Second Assistant—Charlotte W. Graves.

*North and Murray Streets Primary.*

Principal—Frances E. Messenger.  
First Assistant—Josephine M. Arcand.  
Second Assistant—Nellie D. Butts.

*Archibald Street Primary.*

Principal—Mrs. Lois J. Malaney.  
First Assistant—Emma C. Lanou.  
Second Assistant—Nellie Ayling.

*Main Street Primary.*

Teacher—Annie A. Smith.

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*Falls School.*

Principal—Mary E. Fuller.

First Assistant—Della L. Calvert.

Second Assistant—Luna A. Rumsey.

*North Avenue School.*

Teacher—Winifred M. Collins.

*Cherry Street, (ungraded) No. 1.*

Teacher—Maria B. Harty.

*Cherry Street, (ungraded) No. 2.*

Teacher—Jessie A. Chase.

*Cherry Street Evening School.*

Teacher—F. B. Deberville.

*Falls Evening School.*

Teacher—E. G. Davis.

*Teacher of Music.*

J. H. Humphrey.

*Pupil Teacher.*

Lida Marie Lanou.

“Row, not Drift.”

GRADUATING EXERCISES, CLASS OF '93,  
BURLINGTON HIGH SCHOOL,

HOWARD OPERA HOUSE, FRIDAY, JUNE 23, AT 2 O'CLOCK  
P. M.

PROGRAMME.

<i>Praise Ye the Father</i> —School	-----	<i>Gounod.</i>
Nepotism	-----	Harlow Franklin Hyde.
Cruelty to Animals	-----	Luella Frances Collins.
The Life Saving Service	-----	Peter F. Garvey.
The Influence of Music	-----	Frances Louise Russell.
<i>Sheperd's Morning Song</i> , (Cornet Solo)	-----	<i>Supe.</i>
A Finished Education	-----	Adel Irene Lee.
The Navy of the United States	-----	George Peter Parady.
“The Prophecy”—(W. A. Crofut)	-----	Maude B. Russell.
Hymnology	-----	Winifred Ellen Bates.
George William Curtis	-----	Robert Harvey Gay.
<i>Waltz, Symposia</i>	-----	<i>Bendix.</i>
Virgil's Influence on Literature	-----	Jessie M. Davis.
Shall Our National Domain be Extended?	-----	
		Charles Flagg Whitney.
Past Cost of Present Good	-----	Katharine J. Page.
The New Method	-----	Frederick Buell Willard.
<i>Music from the Opera of Wang</i>	-----	<i>Morse.</i>

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 PRESENTATION OF DIPLOMAS.

## AWARDING OF PRIZES.

## Class of '90, Prizes.

For excellence in Rhetorical exercises-----

Katharine J. Page, Frederick Buell Willard.

## ALUMNI PRIZES,

## FOR SCHOLARSHIP AND DEPARTMENT.

Classical Course-----Frederick Buell Willard.

Latin-English Course-----Percy F. Byington.

English Course-----Charles Flagg Whitney.

*Class Farewell* CLASS OF '93,-----*Whittemore.*


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 GRADUATES.
*English Course.*

Frank Lyman Austin,

Winifred Ellen Bates,

Ella Carrie Bebee,

Lucy S. Brown,

Stella May Chase,

Josephine May Failey,

Frank Lyman Freeman,

Peter F. Garvey,

George Jean Holden,

Henry W. Hopkins,

Mary M. Lane,

Walter Pope Kern,

George Peter Parady,

Robert Myron Read,

Frances Louise Russell,

Maude B. Russell,

Bessie Belle Sherman,

Fanny M. Sutton,

Anna Grace Tobey,

Harriet Goulding Walker,

Charles Flagg Whitney,

Sally Chipman Wright,

Charles A. Wronn,

Benjamin James Wyatt.

*Latin-English Course.*

Carrie L. Allen,	Katherine Chittenden Murray,
Ella J. Barrows,	Alice Louise Nash,
Luella Frances Collins,	Carrie Bailey Nye,
Grace Belle Conner,	Katherine J. Page,
Harriette F. Cristy,	Harriet Elizabeth Stone,
Jessie M. Davis,	Bessie Lou Stearns,
May Alice Edwards,	Annie Lyman Taft,
Lawrence B. Hayward,	Bessie May Truman,
Susie Mai Holton,	Rossie Louise Weeks,
Adel Irene Lee,	Georgiana M. Williams,
Lena A. Whitton,	

*Classical Course.*

Robert Harvey Gay,	Harlow Franklin Hyde,
Henry Hall Hagar,	Robert M. Walker,
Alfred Taylor Hawes,	Frederick Buell Willard.

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CLASS DAY EXERCISES.

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HIGH SCHOOL HALL, THURSDAY, JUNE 22, AT 8 P. M.

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## PROGRAMME.

## MUSIC.

History-----Susie Mai Holton.  
Poem-----Frank Lyman Freeman.

## MUSIC.

Prophecy-----Walter Pope Kern.  
President's Address-----Henry Hall Hagar.

## MUSIC.

## CLASS OFFICERS.

President-----Henry Hall Hagar.  
Vice-President-----Annie Lyman Taft.  
Secretary-----Walter Pope Kern.  
Treasurer-----Ella J. Barrows.  
Marshall-----George Peter Parady.

## PERMANENT ORGANIZATION.

President-----Lawrence B. Hayward.  
Vice-President-----Sally Chipman Wright.  
Secretary-----Katherine Chittenden Murray.  
Treasurer-----George Jean Holden.  
Custodian-----Frederick Buell Willard.



# REPORT

## OF THE

### Superintendent of Public Schools.

*To the Honorable the City Council :*

GENTLEMEN :—In compliance with the requirement of the City Charter, I have the honor to present the report for the Department of Public Schools, (the twenty-sixth to the City Council, and my fourteenth) for the year 1893 :

#### FINANCIAL STATEMENT.

##### RECEIPTS.

Balance January 1, 1893-----	\$ 3,344 29
City taxes-----	25,000 00
Interest on U. S. Deposit Fund-----	1,761 97
“   “   Huntington Fund-----	555 99
“   “   Bonds-----	84 00
Rent of School Lands-----	142 10
Tuition from non-resident pupils-----	1,001 00
Sundries-----	31 29
State Treasurer, State tax-----	1,382 24
From sale of old stoves-----	140 25
From sale of old Pine Street building (part payment)	45 00
Total-----	<u>\$33,488 13</u>

## DISBURSEMENTS.

Teachers' salaries-----	\$22,057	52
Superintendent's salary-----	1,275	00
Janitors and cleaning-----	2,040	37
Repairs-----	2,092	53
Fuel-----	1,791	96
Incidentals-----	1,759	46
Supplies-----	1,257	95
Furniture-----	1,737	31
School census-----	172	56
Water rates-----	200	70
Insurance-----	546	00
Apparatus, maps and charts-----	73	50
Truant officers-----	331	00
Total-----	\$35,335	86

## RECAPITULATION.

Total receipts-----	\$33,488	13
Overdraft-----	1,847	73
Total disbursements-----	\$35,335	86
	35,335	86

In behalf of the Finance Committee I submit the following estimates for 1894 :

## RECEIPTS.

Taxes-----	\$31,765	60
Interest on U. S. Deposit fund-----	1,761	97
"    "    Huntington fund-----	555	99
"    "    Bonds-----	84	00
Rent from leased land-----	150	04
Tuition from non-resident pupils-----	1,000	00
State tax-----	1,375	00
Total-----	\$36,692	60

## DISBURSEMENTS.

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Overdraft general account-----	\$1,847 73	
Construction account-----	794 87	
		<hr/> \$2,642 60
Teachers' salaries-----	23,000 00	
Superintendent's salary-----	1,500 00	
Janitors and cleaning-----	2,250 00	
Repairs-----	500 00	
Fuel-----	2,000 00	
Apparatus, maps and charts-----	200 00	
Incidentals-----	1,500 00	
Supplies-----	1,000 00	
Furniture-----	1,000 00	
School census-----	175 00	
Water rates-----	225 00	
Insurance-----	400 00	
Truant officer-----	300 00	
		<hr/>
Total-----		\$36,692 60

## CONVERSE SCHOOL ACCOUNT.

### RECEIPTS.

Balance brought forward-----	\$12,162 06
From sale of school bonds-----	7,000 00
Interest -----	53 33
Overdraft-----	794 87
	\$20,010 26

### DISBURSEMENTS.

Willard Ducomb, on contract for construction -----	\$17,233 06
Kramer & Zoll, on account of plans---	230 00
Fuller & Warren Warming and Ventilating Co.-----	1,500 00
T. A. Wheelock, gas piping-----	122 46
W. A. Choate, slate black boards-----	280 34
E. R. North, painting-----	81 40
Rodney Roby, superintendent of construction -----	563 00
	\$20,010 26

### STATISTICS.

The following tables exhibit the condition of our schools by terms, in respect to enrollment, attendance, regularity, punctuality, etc., and a comparison with the important items in the statistics for the preceding year:

## WINTER TERM, 1893.

Schools.		Number Enrolled.	Average Daily Attendance.	Attendance Per cent.	Number of Days in Term.	Average Number of Days Attendance.	Tardiness.	Dismissals.	Scholars with no Absences.	No. Visits Received.
High School,s	Grade A	36	33	92	58	54		3	9	20
	Grade B	49	44	90	58	52	7	7	11	20
	Grade C	66	57	86	58	51	8	9	7	20
	Grade D	72	62	86	58	50	8	9	9	20
	Specials	14	10	71	58	40	1	4	3	20
Gram. Schools,	Grade A <sub>1</sub>	37	33	89	58	52	10	19	7	8
	Grade A <sub>2</sub>	38	32	84	58	49	18	17	4	9
	Grade B	82	71	87	58	50	9	19	9	7
Main St. Grammar, No. 1		41	35	85	56	48	2	4	6	8
Main St. Grammar, No. 2		44	39	89	58	51	22		3	6
Pine St. Inter.,	Grade A	38	31	82	53	43	5	3	3	4
	Grade B	47	39	83	53	44	7	1	3	4
	Grade C	28	23	82	53	43	6	9		2
Pomeroy Inter.,	Grade A	27	22	81	53	43	3	2	4	15
	Grade B	31	28	90	53	48	1		6	15
	Grade C	42	35	83	53	44		1	8	15
Adams Inter.,	Grade A	34	29	85	53	44	24	8	4	14
	Grade B	29	25	86	53	47	21	3	1	15
	Grade C	33	24	73	53	39	19	9	2	2
Nor. & M. Sts. Int.,		40	32	80	48	38	7	5	4	2
Pine St. Primary,	Grade A	24	19	79	53	43	1	8	2	34
	Grade B	26	21	81	53	42	2	1	1	34
	Grade C	64	50	78	53	41	5		3	34
Pemoroy Primary,	Grade A	41	34	83	53	44	1	3	6	17
	Grade B	31	28	90	53	47	1	2	6	17
	Grade C	65	45	69	53	38	3	3	3	17
Adams Primary,	Grade A	25	22	88	53	46	11	3	3	40
	Grade B	30	26	87	53	46	11	2	1	40
	Grade C	68	44	65	53	42	17	1	2	36
No. & M. Sts. Prim.	Grade A	24	20	83	53	44	9	7	4	9
	Grade B	27	22	82	53	42	12	7		9
	Grade C	54	44	81	53	45	16	1	3	10
Arch'd St. Prim.	Grade A	23	19	83	53	44	4	2	7	16
	Grade B	28	24	86	53	44	4	2	3	10
	Grade C	57	44	77	53	40	18		5	12
Main Street Primary		40	26	65	48	31	6		2	12
Falls Intermediate		22	18	82	53	44	4	13	2	1
Falls Primary		50	41	82	53	44	2	7	3	2
North Avenue		34	30	88	53	46	44	2	7	18
Cherry Street, No. 1		40	30	75	49.5	38	19		4	1
Cherry Street, No. 2		39	29	74	50.5	38	13		1	10
Cherry Street Evening		30	12	40	63	25				
Falls Evening		30	15	50	63	32				
Totals		1,700	1,367	80	2,331	1876	381	196	171	605

## SPRING TERM, 1893.

Schools.	Number Enrolled.	Average Daily Attendance.	Attendance Per Cent.	Number of Days in Term.	Average Number of Days Attendance.	Tardiness.	Dismissals.	Scholars with no absences.	No. Visits Received.
High Schools, Grade A	35	31	89	58	52	2	5	5	24
Grade B	48	43	90	58	52	4	14	6	24
Grade C	59	53	90	58	51	10	10	13	24
Grade D	70	60	86	58	50	1	15	14	24
Specials	10	6	60	58	33			1	24
Gram. Schools, Grade A <sup>1</sup>	34	31	91	58	52	21	26	11	6
Grade A <sup>2</sup>	31	29	94	58	53	13	24	3	6
Grade B	76	69	91	58	52	13	49	10	6
Main Street Gram. No. 1	38	34	89	58	51	3	2	7	3
Main Street Gram. No. 2	43	34	79	57.5	45	19	14	1	1
Pine St. Int'm., Grade A	39	33	85	48	40	13	2	4	1
Grade B	39	34	87	48	42	1	10	2	1
Grade C	31	26	84	48	40	12	10	3	1
Pomeroy Int'm., Grade A	24	20	83	48	40			6	14
Grade B	30	26	87	48	42	2	3	5	14
Grade C	42	40	95	48	45	2	9	9	14
Adams Interm., Grade A	33	29	88	48	42	4	4	5	5
Grade B	26	23	88	48	42	7	7	3	8
Grade C	31	26	84	48	41	11	18	3	2
Nor.& M. Sts. In. Grade C	39	31	79	48	39	8	5	1	5
Pine St. Prim., Grade A	28	25	89	48	42	13	3	5	20
Grade B	30	24	80	48	43	4	2	3	20
Grade C	83	67	81	48	39	24	1	15	18
Pomeroy Prim., Grade A	37	32	86	48	41	4	1	6	36
Grade B	38	33	87	48	41	4	2	5	36
Grade C	72	59	82	48	40	3	4	4	36
Adams Prim., Grade A	23	21	91	48	44	9	2	5	13
Grade B	29	26	83	48	43	9	3	2	14
Grade C	59	46	78	48	37	15	1	3	11
Nor.&M.Sts. Pri. Grade A	23	21	91	48	43	7	8	3	4
Grade B	29	26	83	48	43	8	4		4
Grade C	82	65	79	48	38	18	8	2	4
Archl'd St. Prim. Grade A	26	23	88	48	43	4	2	5	7
Grade B	51	28	80	48	44	4	6	12	5
Grade C	81	68	84	48	40	14	9	10	5
Main Street Primary	45	33	73	48	35	8	2	2	24
Falls Intermediate	20	17	85	48	41	7	11	1	1
Falls Primary	60	53	70	48	42	12	7	5	2
North Avenue	36	32	89	48	43	29	4	7	
Cherry Street, No. 1	30	22	73	42	31	17	7	5	1
Cherry Street, No. 2	50	32	64	48	31	19		2	6
Cherry Street Evening									
Falls Evening									
Totals	1,690	1,431	85	2,061	1,748	378	314	214	474



## FALL TERM, 1893.

Schools.	Number Enrolled.	Average Daily Attendance.	Attendance Per Cent.	Number of Days in Term.	Average Number of Days Attendance.	Tardiness.	Dismissals.	Scholars with no Absences.	No. Visits Received.
High Schools.....	Grade A	32	28 88	73	65	4	2	5	39
	Grade B	63	58 89	73	67	9	9	14	39
	Grade C	57	51 89	73	66	9	7	11	39
	Grade D	97	89 92	73	67	17	25	16	39
	Specials	7	6 86	73	61			2	39
Grammar Schools...	Grade A <sub>1</sub>	39	34 87	73	64	13	15	3	6
	Grade A <sub>2</sub>	38	35 92	73	67	10	15	8	6
	Grade B	43	39 91	73	66	6	12	4	5
Main Street Grammar, No. 1		29	26 90	73	66	5	2	8	6
Main Street Grammar, No. 2		47	41 87	73	64	30	17	8	22
Converse School, C Grammar		50	43 86	70 5	60	18	5	5	7
Converse School, A Interm.		54	49 91	71	61	18	10	6	13
	B Interm.	52	43 83	72 5	60	25	14	5	11
	C Interm.	54	42 78	72	57	28	18	2	24
Pomeroy Intermed., Grade A		22	19 86	73	65	1	3	2	25
	Grade B	42	37 88	73	64	5	2	9	25
	Grade C	44	38 86	73	63	2	3	9	25
Adams Intermediate, Grade A		22	19 86	71	65	12	1		26
	Grade B	31	27 87	71	61	13	13	4	13
	Grade C	34	29 85	71	60	3	8	1	8
Nor. & M. Sts. Inter., Grade C		38	34 89	73	64	14	4	7	3
Converse School, A Primary		43	35 81	71	58	33	4	8	37
	B Primary	53	43 81	69	56	53	8	4	16
	C Primary	56	45 80	70 5	57	12	1	8	82
	Kindergarten	54	39 72	72 5	52	9		4	62
Pomeroy Primary....	Grade A	38	33 87	73	64	4		9	55
	Grade B	28	23 82	73	61	2	2	1	28
	Grade C	74	59 80	73	58	21	6	3	23
Adams Primary.....	Grade A	32	27 84	73	61	8	11	6	20
	Grade B	35	29 83	73	61	7	5	9	20
	Grade C	63	45 71	73	52	25	6	3	13
North & M. Sts. Prim.	Grade A	21	18 86	71	60	10	8	1	4
	Grade B	35	30 86	71	61	15	8	3	4
	Grade C	86	63 73	71	52	41	7	3	6
Archib'd St. Prim., Grade A		20	17 85	72	62	10	5	3	20
	Grade B	31	24 77	72	56	11	10	8	17
	Grade C	78	59 76	72	35	41	6	8	15
Main Street Primary.....		37	28 76	72 5	55	9	6	2	13
Falls Intermediate.....		24	19 79	73	56	1	9	4	24
Falls Primary.....		75	63 84	73	61	24	5	19	2
North Avenue.....		28	24 86	70	59	39	3	2	3
Cherry Street, No. 1.....		30	20 67	69 5	45	14	3	1	6
Cherry Street, No. 2.....		32	19 59	72	44	28		2	18
Cherry Street Evening.....		28	18 64	19	12	15			
Falls Evening.....		32	18 56	18	10	9		2	
Totals.....		1928	1585 82	3138	2581	1692	298	242	908

## COMPARASION WITH STATISTICS OF 1892.

	WINTER TERM.				SPRING TERM.				FALL TERM.			
	Number Enrolled.				Number Enrolled.				Number Enrolled.			
	Average Daily attendance.				Average Daily attendance.				Average Daily attendance.			
	Attendance Per Cent.				Attendance Per Cent.				Attendance Per Cent.			
	Number of Scholars with no absences.				Number of Scholars with no absences.				Number of Scholars with no absences.			
Totals in 1893	1700	1367	80	171	1690	1431	85	214	1928	1585	82	242
Totals in 1892	1615	1370	85	204	1652	1430	87	298	1777	1475	83	220
Losses in 1893	---	3	5	53	---	1	2	24	---	110	1	---
Gains in 1893	85	---	---	---	38	---	---	---	151	---	---	22

**REPORT**  
OF  
**CHARLES E. ALLEN, City Clerk,**  
TO THE STATE SUPERINTENDENT,  
FOR THE YEAR ENDING MARCH 31st, 1893.

1.	How many organized school districts in town? City System (count all the districts having their school-houses in your town).-----	
2.	How many common schools in town, including High Schools? (in graded schools count each department or grade that keeps a sep- arate register.)-----	43
3.	How many graded schools in town? (See Section 54 of compiled school laws).-----	
4.	How many terms of common school in town, including High Schools?-----	127
5.	How many schools of less than 24 weeks in your town? (Evening schools)-----	2
6.	How many schools of 24 weeks?-----	41
7.	“ “ 26 “ -----	41
8.	“ “ 28 “ -----	41
9.	“ “ 30 “ -----	41
10.	“ “ 32 “ -----	41
11.	“ “ 34 “ -----	41
12.	“ “ 36 “ -----	39

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13.	What was the aggregate number of weeks of school for all the schools in town?-----	1540
14.	What was the average number of weeks of school in the year for all the schools in town?-----	35.8
15.	How many schools had not more than six pupils?-----	0
16.	How many schools had more than six and not more than twelve pupils?-----	0
17.	How many children between 5 and 20 years of age in your <i>town</i> ?-----	4226
18.	Number of boys?-----	2141
19.	Number of girls?-----	2085
20.	Number of children between 5 and 8 years of age?-----	867
21.	Number of children between 8 and 14 years of age?-----	1716
22.	Number of children between 14 and 20 years of age?-----	1643
	<i>Note</i> —"Between 5 and 8 years of age" means from fifth to eighth birthday.	
23.	How many pupils attended a school of less than 24 weeks?-----	87
24.	How many pupils attended a school of 24 weeks?-----	2058
25.	How many pupils attended a school of 26 weeks?-----	2058
26.	How many pupils attended a school of 28 weeks?-----	2058
27.	How many pupils attended a school of 30 weeks?-----	2058
28.	How many pupils attended a school of 32 weeks?-----	2058

29.	How many pupils attended a school of 34 weeks?-----	2058
30.	How many pupils attended a school of 36 weeks?-----	1883
31.	How many pupils between 5 and 20 years of age, <i>exclusive of those who have been registered in some other public school</i> , have attended public school in your town?-----	2058
32.	Number of boys?-----	1100
33.	Number of girls?-----	958
34.	Number of pupils between 5 and 8 years of age?-----	527
35.	Number of pupils between 8 and 14 years of age?-----	1079
36.	Number of pupils between 14 and 20 years of age?-----	452
37.	What was the aggregate total attendance of pupils between the ages of 5 and 20 years?	249,143
38.	How many different pupils between the ages of 5 and 20 years attended the common schools, including High Schools?-----	2058
39.	What is the estimated number of pupils attending academies, seminaries and other private schools, not including those in Parochial Schools?-----	184
40.	How many pupils in Parochial schools?-----	1072
41.	What was the whole number of different pupils attending public and private schools?	3314
42.	State the number of different pupils who studied the following branches :	
	Reading-----	1806
	Writing-----	1806

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Spelling -----	1806
English Grammar -----	135
Geography -----	653
Civil Government -----	53
Arithmetic -----	1371
Drawing -----	1581
Physiology -----	1719
United States History -----	120
Vermont History -----	53
General History -----	25
Language Lessons -----	1719
Physical Geography -----	64
Chemistry -----	
Map Drawing -----	653
Physics -----	24
Botany -----	178
Geometry -----	62
Trigonometry -----	
Surveying -----	
English Literature -----	29
Geology -----	150
Astronomy -----	32
Book-Keeping -----	94
Algebra -----	181
Natural History -----	188
Psychology -----	
Moral Philosophy -----	
Logic -----	
Rhetoric -----	52
Greek -----	31
Latin -----	152
French -----	55
German -----	

43. What amount was raised by town taxes for  
school purposes? ----- \$25,400 00
44. What amount was raised by district taxes?
45. What amount was received from rent of  
lands? ----- 141 46
46. What amount received from other sources? 7,309 08



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47.	What was the entire income for school purposes? (Sum of answers to last four questions) except for land and new buildings?	32,850	54
48.	What was the amount paid for teachers' wages, including board for the year?----	20,614	47
49.	What was the cost of fuel for the year?---	1,501	34
50.	What was the cost of repairs for the year?--	1,634	86
51.	What amount was paid for new building and land?-----	17,997	94
52.	What amount was paid for incidentals?----	5,586	83
53.	What amount was paid for new furniture?	168	75
54.	What was the whole amount expended for school purposes? (Sum of answers to last six questions)-----	47,504	19
55.	How many school houses in town need no repairs?-----		
56.	What is the estimated value of your school property?-----	136,000	00
57.	What is the amount of indebtedness of your school districts?-----		
58.	How much was paid on the indebtedness last year?-----		
59.	How much did you pay your Superintendent of Schools the last year?-----	1,150	00
60.	How many visits were made by the Town Superintendent?-----	219	
61.	How many visits were made by the Prudential Committee?-----	58	
62.	Give the average wages, including board, per week, of male teachers?-----	\$22	00
63.	Give the average wages, including board, per week, of female teachers?-----	\$11	80

64.	How many different male teachers were employed?-----	4
65.	How many different female teachers were employed?-----	46
66.	How many different teachers taught on permits during the year?-----	
67.	How many teachers attended a Vermont Normal School?-----	5
68.	How many were graduates of a Vermont Normal School?-----	4
69.	How many teachers have been retained 2 terms in the same school?-----	47
70.	How many teachers have been retained 3 terms in the same school?-----	43
71.	How many teachers have been retained 4 terms in the same school?-----	36
72.	How many teachers have been retained 5 terms in the same school?-----	36
73.	How many teachers have been retained 6 terms in the same school?-----	36
74.	How many teachers have been retained 7 terms in the same school?-----	26
75.	How many teachers have been retained 8 terms in the same school?-----	26
76.	How many teachers have been retained 9 terms in the same school?-----	26
*77.	State the longest time that one teacher has been employed in the same school?-----	terms, *62
78.	What is the amount of income, if any, from <i>grammar</i> school lands in your town?---	
79.	How is said income disposed of?-----	

\*Miss Mary E. Wells, Principal of Grammar Schools.

80. How many schools have a library ?-----
81. How many volumes ?-----
82. How many have books of reference ?----- All.
83. How many have charts and globes ?----- All.
84. Is there a public library in your town other  
than the school district library ?----- Yes.
86. How many volumes ?-----
87. Is there a *free* public library in your town-- Yes.
88. How many volumes ?----- 30,000
89. What was the average rate per cent of dis-  
trict taxes for school purposes ?-----  $22\frac{1}{2}$  per cent.
90. What was the average rate per cent where  
schools were taught 24 weeks ?-----
91. What was the average rate per cent where  
schools were taught 30 or more weeks ?--
92. What is the lowest rate of district taxes ?--
93. What is the highest rate of district taxes ?--
94. State the number of "legal schools" sustain-  
ed in your town since the first day of April,  
1891,----- 43
- [Information derived from this question will be  
used by the State Treasurer in dividing the  
money derived from the 5 per cent. State school  
tax. See Section 6, No. 6, Acts of 1890, A "*legal  
school is one taught for twenty-four weeks since  
April 1, 1892, by a teacher having a legal cer-  
tificate, in which a school register has been  
kept according to law.*" Each department of  
a school so taught is a "legal school." A frac-  
tional district should be counted by the town  
in which the school-house is situated,]
95. What amount did your town pay into the  
State under the 5 per cent. State School  
Tax Law of 1890 ?----- \$,512 88
96. What amount did your town receive from the  
State Treasurer under the 5 per cent. State

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School Tax Law of 1890?----- \$1374 00

97. Is there an incorporated graded school district in your town?-----
98. What is the name of Superintendent of Schools for the ensuing year? Henry O. Wheeler.

CHARLES E. ALLEN,

City Clerk.

## THE SCHOOL CENSUS.

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The following is the report of the school census of Burlington, taken by Mr. Charles E. Allen, clerk of the School Board :

BURLINGTON, VT., April, 1893.

*To the Board of School Commissioners :*

GENTLEMEN :—By your direction and in compliance with the school laws of 1888, 1890 and 1892, I have taken the school census for the year ending March, 1893, and herewith present to you my fifth annual report of the same. Act No. 21, approved November 22, 1892, extended the school age so as to include persons of the age of 20 years; but for the purpose of comparison with the results of previous reports, I have employed the same divisional periods as heretofore. We are thus enabled to see what progress, if any, is being made in public school. A careful study of the following tables will suggest many points of interest, a few of which are noted for our instruction and encouragement.

TABLE NO. 1.

Wards.	Years.	AGES.												AGES.												AGES.						Families with Children.	Families with Children.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	31-32	32-33	33-34	34-35			35-36	36-37	37-38	38-39	39-40	40-41	41-42	42-43	43-44	44-45	45-46	46-47	47-48	48-49	49-50	50-51	51-52	52-53	53-54	54-55	55-56	56-57	57-58	58-59	59-60	60-61	61-62	62-63	63-64	64-65	65-66	66-67	67-68	68-69	69-70	70-71	71-72	72-73	73-74	74-75	75-76	76-77	77-78	78-79	79-80	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88	88-89	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-100	100-101	101-102	102-103	103-104	104-105	105-106	106-107	107-108	108-109	109-110	110-111	111-112	112-113	113-114	114-115	115-116	116-117	117-118	118-119	119-120	120-121	121-122	122-123	123-124	124-125	125-126	126-127	127-128	128-129	129-130	130-131	131-132	132-133	133-134	134-135	135-136	136-137	137-138	138-139	139-140	140-141	141-142	142-143	143-144	144-145	145-146	146-147	147-148	148-149	149-150	150-151	151-152	152-153	153-154	154-155	155-156	156-157	157-158	158-159	159-160	160-161	161-162	162-163	163-164	164-165	165-166	166-167	167-168	168-169	169-170	170-171	171-172	172-173	173-174	174-175	175-176	176-177	177-178	178-179	179-180	180-181	181-182	182-183	183-184	184-185	185-186	186-187	187-188	188-189	189-190	190-191	191-192	192-193	193-194	194-195	195-196	196-197	197-198	198-199	199-200	200-201	201-202	202-203	203-204	204-205	205-206	206-207	207-208	208-209	209-210	210-211	211-212	212-213	213-214	214-215	215-216	216-217	217-218	218-219	219-220	220-221	221-222	222-223	223-224	224-225	225-226	226-227	227-228	228-229	229-230	230-231	231-232	232-233	233-234	234-235	235-236	236-237	237-238	238-239	239-240	240-241	241-242	242-243	243-244	244-245	245-246	246-247	247-248	248-249	249-250	250-251	251-252	252-253	253-254	254-255	255-256	256-257	257-258	258-259	259-260	260-261	261-262	262-263	263-264	264-265	265-266	266-267	267-268	268-269	269-270	270-271	271-272	272-273	273-274	274-275	275-276	276-277	277-278	278-279	279-280	280-281	281-282	282-283	283-284	284-285	285-286	286-287	287-288	288-289	289-290	290-291	291-292	292-293	293-294	294-295	295-296	296-297	297-298	298-299	299-300	300-301	301-302	302-303	303-304	304-305	305-306	306-307	307-308	308-309	309-310	310-311	311-312	312-313	313-314	314-315	315-316	316-317	317-318	318-319	319-320	320-321	321-322	322-323	323-324	324-325	325-326	326-327	327-328	328-329	329-330	330-331	331-332	332-333	333-334	334-335	335-336	336-337	337-338	338-339	339-340	340-341	341-342	342-343	343-344	344-345	345-346	346-347	347-348	348-349	349-350	350-351	351-352	352-353	353-354	354-355	355-356	356-357	357-358	358-359	359-360	360-361	361-362	362-363	363-364	364-365	365-366	366-367	367-368	368-369	369-370	370-371	371-372	372-373	373-374	374-375	375-376	376-377	377-378	378-379	379-380	380-381	381-382	382-383	383-384	384-385	385-386	386-387	387-388	388-389	389-390	390-391	391-392	392-393	393-394	394-395	395-396	396-397	397-398	398-399	399-400	400-401	401-402	402-403	403-404	404-405	405-406	406-407	407-408	408-409	409-410	410-411	411-412	412-413	413-414	414-415	415-416	416-417	417-418	418-419	419-420	420-421	421-422	422-423	423-424	424-425	425-426	426-427	427-428	428-429	429-430	430-431	431-432	432-433	433-434	434-435	435-436	436-437	437-438	438-439	439-440	440-441	441-442	442-443	443-444	444-445	445-446	446-447	447-448	448-449	449-450	450-451	451-452	452-453	453-454	454-455	455-456	456-457	457-458	458-459	459-460	460-461	461-462	462-463	463-464	464-465	465-466	466-467	467-468	468-469	469-470	470-471	471-472	472-473	473-474	474-475	475-476	476-477	477-478	478-479	479-480	480-481	481-482	482-483	483-484	484-485	485-486	486-487	487-488	488-489	489-490	490-491	491-492	492-493	493-494	494-495	495-496	496-497	497-498	498-499	499-500	500-501	501-502	502-503	503-504	504-505	505-506	506-507	507-508	508-509	509-510	510-511	511-512	512-513	513-514	514-515	515-516	516-517	517-518	518-519	519-520	520-521	521-522	522-523	523-524	524-525	525-526	526-527	527-528	528-529	529-530	530-531	531-532	532-533	533-534	534-535	535-536	536-537	537-538	538-539	539-540	540-541	541-542	542-543	543-544	544-545	545-546	546-547	547-548	548-549	549-550	550-551	551-552	552-553	553-554	554-555	555-556	556-557	557-558	558-559	559-560	560-561	561-562	562-563	563-564	564-565	565-566	566-567	567-568	568-569	569-570	570-571	571-572	572-573	573-574	574-575	575-576	576-577	577-578	578-579	579-580	580-581	581-582	582-583	583-584	584-585	585-586	586-587	587-588	588-589	589-590	590-591	591-592	592-593	593-594	594-595	595-596	596-597	597-598	598-599	599-600	600-601	601-602	602-603	603-604	604-605	605-606	606-607	607-608	608-609	609-610	610-611	611-612	612-613	613-614	614-615	615-616	616-617	617-618	618-619	619-620	620-621	621-622	622-623	623-624	624-625	625-626	626-627	627-628	628-629	629-630	630-631	631-632	632-633	633-634	634-635	635-636	636-637	637-638	638-639	639-640	640-641	641-642	642-643	643-644	644-645	645-646	646-647	647-648	648-649	649-650	650-651	651-652	652-653	653-654	654-655	655-656	656-657	657-658	658-659	659-660	660-661	661-662	662-663	663-664	664-665	665-666	666-667	667-668	668-669	669-670	670-671	671-672	672-673	673-674	674-675	675-676	676-677	677-678	678-679	679-680	680-681	681-682	682-683	683-684	684-685	685-686	686-687	687-688	688-689	689-690	690-691	691-692	692-693	693-694	694-695	695-696	696-697	697-698	698-699	699-700	700-701	701-702	702-703	703-704	704-705	705-706	706-707	707-708	708-709	709-710	710-711	711-712	712-713	713-714	714-715	715-716	716-717	717-718	718-719	719-720	720-721	721-722	722-723	723-724	724-725	725-726	726-727	727-728	728-729	729-730	730-731	731-732	732-733	733-734	734-735	735-736	736-737	737-738	738-739	739-740	740-741	741-742	742-743	743-744	744-745	745-746	746-747	747-748	748-749	749-750	750-751	751-752	752-753	753-754	754-755	755-756	756-757	757-758	758-759	759-760	760-761	761-762	762-763	763-764	764-765	765-766	766-767	767-768	768-769	769-770	770-771	771-772	772-773	773-774	774-775	775-776	776-777	777-778	778-779	779-780	780-781	781-782	782-783	783-784	784-785	785-786	786-787	787-788	788-789	789-790	790-791	791-792	792-793	793-794	794-795	795-796	796-797	797-798	798-799	799-800	800-801	801-802	802-803	803-804	804-805	805-806	806-807	807-808	808-809	809-810	810-811	811-812	812-813	813-814	814-815	815-816	816-817	817-818	818-819	819-820	820-821	821-822	822-823	823-824	824-825	825-826	826-827	827-828	828-829	829-830	830-831	831-832	832-833	833-834	834-835	835-836	836-837	837-838	838-839	839-840	840-841	841-842	842-843	843-844	844-845	845-846	846-847	847-848	848-849	849-850	850-851	851-852	852-853	853-854	854-855	855-856	856-857	857-858	858-859	859-860	860-861	861-862	862-863	863-864	864-865	865-866	866-867	867-868	868-869	869-870	870-871	871-872	872-873	873-874	874-875	875-876	876-877	877-878	878-879	879-880	880-881	881-882	882-883	883-884	884-885	885-886	886-887	887-888	888-889	889-890	890-891	891-892	892-893	893-894	894-895	895-896	896-897	897-898	898-899	899-900	900-901	901-902	902-903	903-904	904-905	905-906	906-907	907-908	908-909	909-910	910-911	911-912	912-913	913-914	914-915	915-916	916-917	917-918	918-919	919-920	920-921	921-922	922-923	923-924	924-925	925-926	926-927	927-928	928-929	929-930	930-931	931-932	932-933	933-934	934-935	935-936	936-937	937-938	938-939	939-940	940-941	941-942	942-943	943-944	944-945	945-946	946-947	947-948	948-949	949-950	950-951	951-952	952-953	953-954	954-955	955-956	956-957	957-958	958-959	959-960	960-961	961-962	962-963	963-964	964-965	965-966	966-967	967-968	968-969	969-970	970-971	971-972	972-973	973-974	974-975	975-976	976-977	977-978	978-979	979-980	980-981	981-982	982-983	983-984	984-985	985-986	986-987	987-988	988-989	989-990	990-991	991-992	992-993	993-994	994-995	995-996	996-997	997-998	998-999	999-1000	1000-1001	1001-1002	1002-1003	1003-1004	1004-1005	1005-1006	1006-1007	1007-1008	1008-1009	1009-1010	1010-1011	1011-1012	1012-1013	1013-1014	1014-1015	1015-1016	1016-1017	1017-1018	1018-1019	1019-1020	1020-1021	1021-1022	1022-1023	1023-1024	1024-1025	1025-1026	1026-1027	1027-1028	1028-1029	1029-1030	1030-1031	1031-1032	1032-1033	1033-1034	1034-1035	1035-1036



TABLE No. 2.		No. of Children 5 to 8 Years.														No. who cannot read or write.		Per Cent.		No. of Children 8 to 15 Years.		No. who cannot read or write.		Per Cent.		No. of Children 8 to 18 Years.		No. who cannot read or write.		Per Cent.		Total number Children 5 to 18.		No. who cannot read or write.		Per Cent.		No. Children 18-20 Years.		No. who cannot read or write.		Per Cent.		Total number Children 5-20.		No. who cannot read or write.		Per Cent.		No. of Children 20 Years-old.		No. who cannot read or write.		Per Cent.		No. of Children 5 to 21 Years.		No. who cannot read or write.		Per Cent.		No. of Children 8 to 21 Years.		No. who cannot read or write.		Per Cent.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Wards.	Years.	1st.		2nd		3rd.		4th.		5th.		6th.		7th.		8th.		9th.		10th.		11th.		12th.		13th.		14th.		15th.		16th.		17th.		18th.		19th.		20th.		21st.		22nd.		23rd.		24th.		25th.		26th.		27th.		28th.		29th.		30th.		31st.		32nd.		33rd.		34th.		35th.		36th.		37th.		38th.		39th.		40th.		41st.		42nd.		43rd.		44th.		45th.		46th.		47th.		48th.		49th.		50th.		51st.		52nd.		53rd.		54th.		55th.		56th.		57th.		58th.		59th.		60th.		61st.		62nd.		63rd.		64th.		65th.		66th.		67th.		68th.		69th.		70th.		71st.		72nd.		73rd.		74th.		75th.		76th.		77th.		78th.		79th.		80th.		81st.		82nd.		83rd.		84th.		85th.		86th.		87th.		88th.		89th.		90th.		91st.		92nd.		93rd.		94th.		95th.		96th.		97th.		98th.		99th.		100th.		101st.		102nd.		103rd.		104th.		105th.		106th.		107th.		108th.		109th.		110th.		111st.		112nd.		113rd.		114th.		115th.		116th.		117th.		118th.		119th.		120th.		121st.		122nd.		123rd.		124th.		125th.		126th.		127th.		128th.		129th.		130th.		131st.		132nd.		133rd.		134th.		135th.		136th.		137th.		138th.		139th.		140th.		141st.		142nd.		143rd.		144th.		145th.		146th.		147th.		148th.		149th.		150th.		151st.		152nd.		153rd.		154th.		155th.		156th.		157th.		158th.		159th.		160th.		161st.		162nd.		163rd.		164th.		165th.		166th.		167th.		168th.		169th.		170th.		171st.		172nd.		173rd.		174th.		175th.		176th.		177th.		178th.		179th.		180th.		181st.		182nd.		183rd.		184th.		185th.		186th.		187th.		188th.		189th.		190th.		191st.		192nd.		193rd.		194th.		195th.		196th.		197th.		198th.		199th.		200th.		201st.		202nd.		203rd.		204th.		205th.		206th.		207th.		208th.		209th.		210th.		211st.		212nd.		213rd.		214th.		215th.		216th.		217th.		218th.		219th.		220th.		221st.		222nd.		223rd.		224th.		225th.		226th.		227th.		228th.		229th.		230th.		231st.		232nd.		233rd.		234th.		235th.		236th.		237th.		238th.		239th.		240th.		241st.		242nd.		243rd.		244th.		245th.		246th.		247th.		248th.		249th.		250th.		251st.		252nd.		253rd.		254th.		255th.		256th.		257th.		258th.		259th.		260th.		261st.		262nd.		263rd.		264th.		265th.		266th.		267th.		268th.		269th.		270th.		271st.		272nd.		273rd.		274th.		275th.		276th.		277th.		278th.		279th.		280th.		281st.		282nd.		283rd.		284th.		285th.		286th.		287th.		288th.		289th.		290th.		291st.		292nd.		293rd.		294th.		295th.		296th.		297th.		298th.		299th.		300th.		301st.		302nd.		303rd.		304th.		305th.		306th.		307th.		308th.		309th.		310th.		311st.		312nd.		313rd.		314th.		315th.		316th.		317th.		318th.		319th.		320th.		321st.		322nd.		323rd.		324th.		325th.		326th.		327th.		328th.		329th.		330th.		331st.		332nd.		333rd.		334th.		335th.		336th.		337th.		338th.		339th.		340th.		341st.		342nd.		343rd.		344th.		345th.		346th.		347th.		348th.		349th.		350th.		351st.		352nd.		353rd.		354th.		355th.		356th.		357th.		358th.		359th.		360th.		361st.		362nd.		363rd.		364th.		365th.		366th.		367th.		368th.		369th.		370th.		371st.		372nd.		373rd.		374th.		375th.		376th.		377th.		378th.		379th.		380th.		381st.		382nd.		383rd.		384th.		385th.		386th.		387th.		388th.		389th.		390th.		391st.		392nd.		393rd.		394th.		395th.		396th.		397th.		398th.		399th.		400th.		401st.		402nd.		403rd.		404th.		405th.		406th.		407th.		408th.		409th.		410th.		411st.		412nd.		413rd.		414th.		415th.		416th.		417th.		418th.		419th.		420th.		421st.		422nd.		423rd.		424th.		425th.		426th.		427th.		428th.		429th.		430th.		431st.		432nd.		433rd.		434th.		435th.		436th.		437th.		438th.		439th.		440th.		441st.		442nd.		443rd.		444th.		445th.		446th.		447th.		448th.		449th.		450th.		451st.		452nd.		453rd.		454th.		455th.		456th.		457th.		458th.		459th.		460th.		461st.		462nd.		463rd.		464th.		465th.		466th.		467th.		468th.		469th.		470th.		471st.		472nd.		473rd.		474th.		475th.		476th.		477th.		478th.		479th.		480th.		481st.		482nd.		483rd.		484th.		485th.		486th.		487th.		488th.		489th.		490th.		491st.		492nd.		493rd.		494th.		495th.		496th.		497th.		498th.		499th.		500th.		501st.		502nd.		503rd.		504th.		505th.		506th.		507th.		508th.		509th.		510th.		511st.		512nd.		513rd.		514th.		515th.		516th.		517th.		518th.		519th.		520th.		521st.		522nd.		523rd.		524th.		525th.		526th.		527th.		528th.		529th.		530th.		531st.		532nd.		533rd.		534th.		535th.		536th.		537th.		538th.		539th.		540th.		541st.		542nd.		543rd.		544th.		545th.		546th.		547th.		548th.		549th.		550th.		551st.		552nd.		553rd.		554th.		555th.		556th.		557th.		558th.		559th.		560th.		561st.		562nd.		563rd.		564th.		565th.		566th.		567th.		568th.		569th.		570th.		571st.		572nd.		573rd.		574th.		575th.		576th.		577th.		578th.		579th.		580th.		581st.		582nd.		583rd.		584th.		585th.		586th.		587th.		588th.		589th.		590th.		591st.		592nd.		593rd.		594th.		595th.		596th.		597th.		598th.		599th.		600th.		601st.		602nd.		603rd.		604th.		605th.		606th.		607th.		608th.		609th.		610th.		611st.		612nd.		613rd.		614th.		615th.		616th.		617th.		618th.		619th.		620th.		621st.		622nd.		623rd.		624th.		625th.		626th.		627th.		628th.		629th.		630th.		631st.		632nd.		633rd.		634th.		635th.		636th.		637th.		638th.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COMPARATIVE TABLE.

	1889.	1890.	1891.	1892.	1893.
No. children in public schools -----	1414	1740	1769	1875	2017
No. children in parochial schools ----	1066	1322	1380	950	1072
No. children in private schools -----	187	148	143	288	184
No. children not found in any school ----	667	461	306	594	438
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total from 5 to 18 years -----	3344	3671	3598	3707	3711

The *first* table gives the age, number and sex of children of school age in the several wards from 1890 to 1893 inclusive. Comparing the annual results, it shows that during this period there has been an increase of 8 per cent. in the number of children from 5 to 18 years of age. This increase appears principally in Ward 2, and in the ages of 6, 8, 11, 14 and 16 years. Substantially the same percentage is found in the extension of the school age to 20 years, the gain being noticeable in Wards 4 and 5.

The extension of the school age to 21 years adds 37 persons to Ward 1, 44 to Ward 2, 50 to Ward 3, 20 to Ward 4, and 49 to Ward 5, a total of 190, or an addition of four per cent. Of these 101 are girls and 89 are boys.

The percentage of the excess of the number of boys over that of girls between the ages of 5 and 18 is three. In the entire period, 5 to 20 inclusive, it is two per cent. The number of children from 5 to 20 years of age, in the several wards, shows a gain over last year of five per cent. in Ward 1, one per cent. in Ward 2, fourteen per cent. in Ward 4, and four per cent. in Ward 5. Ward 3 shows a loss of two per cent. The net gain in the number since 1890 is 40, since 1891 it is

113. The gain this last year in the number of families having children, from 5 to 20 years of age, is  $3\frac{1}{2}$  per cent.

This table also shows the number of children of each year of school age, the number of girls and boys from five to eighteen years, and from five to twenty years inclusive, compared with the three previous years, and the total number of families with children in 1893.

The *second* table, which gives the number and illiteracy of children of school age, shows the results of school effort during the last five years. These results are certainly gratifying and worthy of our attention.

In the number of pupils enrolled in the public schools, the gain has been 7 per cent. in the last year. The number of children not found in any school in 1892 was 594. In 1893 it is 438, a gain of 3 per cent. in school attendance. This fact will, in a great measure, account for the very gratifying decrease in illiteracy. This decrease between the ages of 5 and 20 years amounts to over 5 per cent. since the last census. Ward 5 takes the lead in this decrease, with a gain of 10 per cent., while in Ward 4, where the decrease was smallest, the gain was over 4 per cent.

The percentage of illiteracy between the ages of 8 and 18 years, the period when, if ever, the child can be reached by the public school, has fallen from 5 per cent. in 1889 to 2 2-10 per cent in 1893. During this period the decrease in Ward 1 was 4 per cent.; in Ward 2,  $3\frac{1}{2}$  per cent.; in Ward 3, 4 per cent.; in Ward 4 there was practically no change; in Ward 5, 6 per cent.

The percentage of illiteracy of those over 18 years is less than two. This improvement is not less apparent between the ages of five and eight years, the percentage having fallen during the year past from 46 to 32 9-10, or nearly 15 per cent.

These results are most encouraging. No reasonable effort should be spared to reduce this percentage to the lowest possible point between the ages of five and eight years. After that period no illiteracy should exist.

If the law makes it imperative upon the school board to provide suitable school houses of sufficient capacity, and to furnish proper instruction for every child, it is none the less incumbent upon every parent or guardian to see that all children of school age should attend some school.

No intelligent person can fail to recognize and appreciate the fact that one of the most essential qualifications of a true citizen is an education.

Respectfully,

CHARLES E. ALLEN.

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### SCHOOL PROPERTY.

For many years, the City Council and the public have been wearied with the oft-repeated lament over the condition of the Pine Street school house, and with the urgent and persistent entreaty to provide funds for the construction of a new building.

In my last report, it was my pleasure to record the preliminary steps which had been taken, and the progress which had then been made towards the construction of a new building; and now it is with great satisfaction that I can carry that record forward to the event of chief interest and importance in the affairs of the School Department for the year 1893—viz—the realization of the long deferred hope in the completion of the

### CONVERSE SCHOOL.

A description of the building will not, I trust, be considered out of place here. The Converse School is situated on the south-west corner of Pine and Cherry streets, on the site of the former Pine Street school house, and the residence of the late Mrs. S. C. Cole. (A cut of the building is given in this report.)

Its construction was begun July 15, 1892, and it was substantially completed September 1, 1893.

The size of the building is as follows, viz—88 feet on Pine Street by 84 feet on Cherry Street, and it has a basement, two stories and an attic,

From the ground to the water table, which runs just below the window sills of the first floor, the material is stone of a dark rich color from the Willard quarry in this city; and the superstructure is of brick of fine quality and color, with grey Cleveland sandstone for trimmings and exterior ornamental work. The roof is covered with black Pennsylvania slate, and the gilded globe, which forms the finial of the tower, is nearly 100 feet from the ground.

There are entrances on Pine and Cherry streets, and from the play ground on the west, with only one outside step at each entrance and that covered by the arch ways.

At all the entrances double doors, with plate glass in the upper half, open into vestibules, from which stairways with easy steps rise to a central corridor, octagonal in form. From this corridor open the four school rooms in the four corners of the building, double cloak rooms connected with each school room, and a teachers' retiring room between the two school rooms on the south side of the building.

The school rooms are 32 feet 6 inches by 26 feet 6 inches in size, and 13 feet in height. The cloak rooms open into the



school rooms by an archway without doors—the only doors in the cloak room being those at the entrances from the corridor.

All the partition walls are of brick, and they begin at the stone foundations of the basement and extend to the attic. The upper floor is therefore a duplicate of the lower as to size and arrangement of rooms, except that over the Pine Street entrance is a pleasant and convenient Principal's room.

Each school room has eight large two-light windows, with inside sliding blinds which can be dropped below the windows, thus giving every room the advantage of the full capacity of the windows for light.

The walls of the school rooms are finished with soap stone in grey, and the ceilings with Hill's patent plaster in white.

Each school room has solid slate black-boards, picture moulding, and a closet for teacher's wardrobe and school supplies.

The teachers' retiring rooms are 24 feet 8 inches by 14 feet in size, and are supplied with water closets, water bowls and stationary mirrors.

On each floor in the corridor is a marble water slab with faucet for drinking purposes.

All the school rooms, cloak rooms, teachers' rooms, corridors, vestibules and stairways are wainscoted.

The doors, casings, (except in a few instances where Georgia pine is used,) wainscoting and stair rails are of oak, and the floors are of maple. The door and window hardware is of bronze. Over the entrances and over some of the large windows are stained glass lights of appropriate design, and over the Pine and Cherry street arched doorways are stone balconies. The floor joists are of heavy Georgia pine.

The basement is 10 feet in height and well lighted. It is grouted and then cemented, and thus has a floor that is always



hard and dry, and the walls and ceiling are plastered.

The basement contains separate play rooms for the boys and girls, furnace and fuel rooms and the closets.

All school rooms, cloak rooms, corridors and teachers' rooms are warmed and provided with ample means for good ventilation. The warming and ventilating apparatus is guaranteed to furnish 30 cubic feet of air per each pupil per minute on the basis of 50 pupils in a school room. The school rooms are all seated so that the light falls upon the left and rear of the pupils. Each school room is provided with a good oak desk and small oak table for the teacher.

The architects of the building were Kramer & Zoll, of Findlay, Ohio.

The contractor for construction of the building was Willard Ducomb also of Findlay, Ohio.

The stone (except the Ohio sand stone) came from Willard's quarry in this city, and the brick from the yards of A. A. Graves, in this city; the roof was slated by Loomis J. Smith of this city; the plumbing and gas fitting was done by T. A. Wheelock of this city; most of the lumber was purchased through the Skillings, Whitneys & Barnes Lumber company and J. R. Booth of this city; the inside sliding blinds were manufactured by the Burlington Blind company, and nearly all the labor upon the building was performed by local mechanics and laborers. Mr. Rodney Roby was the competent and constant superintendent of construction, on the part of the city. The warming and ventilating apparatus and the closets were furnished by the Fuller & Warren Warming and Ventilating company; the pupils' desks and seats combined, of the Buffalo pattern, by the United States School Furniture company, and the slate black-boards by W. A. Choate, of Albany.

On completion of the building, the grounds were suitably

graded, both Pine and Cherry streets adjacent to the school grounds were curbed and guttered, and a concrete side walk was laid around the building, with walks of the same material to the different entrances from the curbing, and to the playground.

The attic is not finished, but it can be utilized for gymnasium, work shop, assembly room or for such other purpose as the School Board may hereafter deem advisable.

The building has a flag pole, from which wave the stars and stripes—the flag being the gift of Alderman H. W. Hall.

There was a little delay in completing the building and in getting the furniture placed, so that it was necessary to occupy the old building for a few days.

But on the 20th day of September, the new building was thrown open for public inspection, and a large number of our citizens availed themselves of the opportunity of examining it. On the following day, September 21, 1893, the schools occupied it for the first time.

For the purpose of relieving the crowded schools in the north part of the city, and of accomodating the pupils in the Adams district who live between Grant and Maple streets below Church street, the district was extended northerly so as to include both sides of Winooski avenue from Pearl to Grant street, thence through Grant street to Elmwood avenue, through Elmwood avenue to Peru Street, through Peru street to Champlain street to Smith's Lane and through Smith's Lane to North Battery street ; and southerly so as to include the section of the city between King and Maple streets below Church street.

It was expected that the schools in the new building would open with about 300 pupils, but the attendance reported the first day was 391.

The Converse School is a very substantial structure. Its foundations are deep and broad, and its walls are heavy and solid. Its floor joists and many of its other timbers are of Georgia pine, and throughout it is very strongly built. Its means of egress are so ample that in case of panic from fire or other cause, the building could be emptied very quickly and safely. Its arrangement of rooms is convenient, and its provisions for light, heat and ventilation, are, we believe, adequate. Its exterior makes a good impression, and is generally satisfactory to our people.

On the whole, speaking for the School Board, I think it is not too much to claim that the Converse School is creditable to, and worthy of, the City.

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Although the members of the School Board have devoted a great deal of time and attention to the new building, they have not neglected the old buildings, but on the contrary have greatly improved several of them.

During the summer vacation, the interior of the Falls School, including the walls and ceilings, was painted; the exterior wood work of the Pomeroy School was painted; the Archibald Street School was slated, both the interior and exterior were painted, the cloak rooms were extended and enlarged, and the ceiling was brought down to a point nearly on a line with the eaves and at right angles with the sides of the building. This change was made in the ceiling, not only for the purpose of present improvement but also with a view to raising the roof and adding another story to the building to meet the growing demands for school accommodations in that part of the city. The lumber used is sufficiently strong to be utilized for flooring, if the change suggested should hereafter be made.

The interiors of the "Grammar Annex" and North and Murray Streets buildings were painted throughout, and a furnace was placed in the basement of each. By the changes made in the two buildings last mentioned, not only was their appearance greatly improved, but, by the substitution of furnaces for stoves, much was done for the comfort and health of teachers and pupils. The general condition of the school property is now better than it ever was before.

But the work of constructing new buildings and of enlarging old ones cannot end here. The increase in school attendance is so distributed over the whole city that no single building in any part of the city, can supply the demand for additional accomodation.

The call for a new High School building grows more and more urgent, but that building can contain, although with inconvenience and discomfort, the pupils who attend there for a short time longer.

There are, however, other places where the need amounts to a necessity. The Falls School building is old and dilapidated, and is now outgrown. During the last term nearly 100 pupils have been crowded into it—many more than should be allowed to attend it—and still the enrollment increases. Its condition is such that it cannot be enlarged to advantage. It accommodates only the primary and intermediate grades. A part of the district is remote from the central schools, and the pupils of the Grammar, as well as of the High School grades, are compelled to come to the Grammar annex or High School building. Although sections of the Pomeroy district have been set off to different schools, the Pomeroy schools are overcrowded, and the next term will probably witness a farther dismemberment of this district. By the construction of a new building in a new location, the pupils in the eastern part of

the Pomeroy district could be transferred to the Falls school, and necessary relief could thus be afforded to the Pomeroy schools.

The old building affords poor and insufficient accommodations for its present pupils ; it has no room for the grammar school pupils of the district, and it cannot accommodate the pupils crowded out of the Pomeroy schools. It is a discredit to the city, and should not be tolerated longer. The present and prospective demands are so imperative that provision should be made without delay for a new and suitable school building for the First Ward.

But this is not all. During the last term the attention of the School Board was called to the threatening condition of the North Avenue school-house.

Mr. Rodney Roby and Mr. Elmore Johnson, two of our most competent and most reliable builders, were requested to examine the building with reference to its safety. This they did, at different times and independently of each other, and both expressed the opinion that while the building might stand for years, it might collapse at any time. The members of the School Board visited the building in a body, and, by their own examination, were forced to concur with Messrs. Roby and Johnson.

On reaching this conclusion, the Board, unwilling to incur the responsibility of endangering those entrusted to their care, decided to abandon the building at once. This decision was reached at the Thanksgiving vacation. The best available place for continuing the school, of which the Board could learn, was a dwelling house, then vacant, belonging to Mr. A. E. Jones.

This was secured for the remainder of the present school year, and in it the school was re-opened the following Tuesday, with the loss of only a single day.



The condition of this old building is such that it cannot be repaired, and the only course left open to the city is to tear down the old building and erect a new one.

This is a single-room building. The number of pupils in this school has shown a marked increase during the last few years. When the new building is erected, it should contain two or more rooms, and should accommodate, as in the Falls district, the grammar school scholars.

The necessity for a new building in this district admits of no modification. A formal application from the Board of School Commissioners to your Honorable Board, for funds for the construction of school buildings in the Falls and North Avenue districts, will probably soon be made.

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### FINANCES.

This department has usually been able to report a surplus at the close of the year, and it is with great regret that we come before you this year with a small deficit. The causes for this, however, are not far to seek.

The incidental expenses connected with the new building, including grading, curbing and sidewalks, were heavy. The amount paid for repairs upon school property, which the interests of the department demanded, was unusually large, and the item for teachers' salaries was also necessarily increased. In connection with this, it should be remembered that, for a part of the year, we were educating 150 more pupils than we were one year ago.

The cost of the new building somewhat exceeded the original estimate, but this excess was small.

As the construction progressed, a few changes were suggested of such manifest advantage to the building, that their



omission would have been culpable. There were also a few additions, as dressing the floors, painting portions of the basement, and piping the building for gas, for present convenience in the basement, and with a view to future use of some or all of the rooms for evening schools—all of which were clearly for the interest of the city.

### TEACHERS.

The educational institutions represented by our teachers, either as graduates or as partial course students, are as follows, viz :

The University of Vermont and State Agricultural College	8
Wellesley College-----	2
Burlington High School-----	11
Johnson, Vermont, State Normal School-----	5
New Hampton Institute-----	1
Mrs. J. H. Worcester's Seminary-----	1
Oswego, N. Y., State Normal School-----	14
Albany, N. Y., State Normal School-----	1
Brockport, N. Y., State Normal School-----	1
Salem, Mass., State Normal School-----	1
Worcester, Mass., State Normal School-----	1
Mt. Holyoke, Mass., Seminary-----	1
Roxbury, Mass., High School-----	1
Chauncey Hall (Boston) Kindergarten Training School--	1
Mooers, N. Y., High School-----	1

The foregoing list indicates that the high standing of our teachers as to training is being maintained.

### SCHOOL SAVINGS.

#### BURLINGTON TRUST COMPANY'S STATEMENT OF SCHOOL SAVINGS ACCOUNTS.

Balance to credit of pupils, January 1, 1893-----	\$1,198 03
Total deposit since January 1, 1893-----	1,138 39
	<hr/>
	\$2,336 42
Total withdrawn since January 1, 1893-----	499 80
	<hr/>
Balance to pupils' credit, January 1, 1894-----	\$1,836 62
Standing to teachers' credit.-----	152 71
	<hr/>
Credit balance of school savings-----	\$1,989 33

No. of books opened before January 1, 1893-----	386
No. of books opened since-----	123
	<hr/>
Total books opened-----	509
Total books closed before January 1, 1893-----	24
Books closed since-----	60
	<hr/>
Total books closed-----	84
	<hr/>
Total books now open -----	425

The above statement indicates that while some of the early enthusiasm may have abated, the system goes steadily forward, working out its good results. My confidence in the beneficial effects of the introduction of the system is undiminished. It will necessarily tend to cultivate habits of economy, thrift and thoughtfulness in regard to the proper use of money.

**BURLINGTON HIGH SCHOOL SCHOLARSHIP FUND.**

The following authoritative statement in regard to this fund, taken from a recent issue of the Burlington Daily Free Press, is so full and complete that no change, by way either of addition or comment, is needed :

"A number of public-spirited citizens of Burlington have recently shown their interest in two of our educational institutions, and in the cause of education in general, in a most substantial and helpful manner. By personal subscriptions they have endowed ten scholarships in the University of Vermont and ten in the Burlington High School, which are subscribed upon the following conditions: "We hereby subscribe the amount opposite our names, to create a fund to be known as the Burlington High School Scholarship Fund, to be used for the purposes, and subject to the conditions herein named. Said subscriptions can be paid either annually or semi-annually, in July and January of each year, as may be desired by the subscriber.

"1. To pay the tuition in the University of Vermont and State Agricultural College, to the amount of \$80 a year each, of needy and deserving students, graduates of the Burlington High School.

"2. To pay the tuition in the Burlington High School, to the amount of \$24 a year each, of needy and deserving non-resident students.

"3. This fund shall be administered, and the appointments to the scholarships made, by a committee consisting of one subscriber, chosen by the subscribers, the Superintendent of Schools and the Principal of the High School. This committee shall make to the subscribers an annual report of the disposition and use of the fund. Their report shall be published with the annual report of the Superintendent of Schools, and their account audited the same as the account of the school department of this city.

"4. Every payment of tuition shall be in the form of a loan, without interest, to the student, to be repaid to the fund as soon as the circumstances of the student will permit.

"5. It is understood that these scholarships are given for four years from the fall term of 1893, with the privilege to discontinue upon three months' notice in writing."

The subscribers to this fund are Mr. Henry Wells, Mr. Edward Wells, Mr. F. H. Wells, Mr. W. J. Van Patten, Mrs. William Wells, Mrs. Edward Lyman, Mrs. Robert Roberts, Mrs. Agnes L. Peck, Mr. C. P. Smith, Col. E. Henry Powell, Mr. Horatio Loomis, Mr. Horatio Hickok, Prof. S. F. Emerson, Mr. Elias Lyman, Mrs. Mary R. Englesby, Mrs. Horatio G. Loomis, Mr. A. E. Richardson, Mr. Frederick Gay, Mr. J. B. Henderson, Hon. G. G. Benedict, ex-Lieut.-Gov. U. A. Woodbury, and Mr. S. W. Landon.

Mr. Henry Wells has been chosen by the subscribers to represent them in the committee of management, the other members being Superintendent H. O. Wheeler and Principal S. W. Landon. The appointments are to be made yearly, and the amount realized from each of the scholarships is sufficient to cover, in the University of Vermont, the tuition, and incidental expenses, and in the High School, the tuition of one student. The purpose of this fund is to aid students who are actually needy, and of good character and standing; and none others will be allowed to share in its benefits. The idea of giving this assistance in the form of a loan will commend itself to every self-respecting student. The appointments will soon be made and reported to the subscribers.

Already, by assurance of help from this source, a number have been enabled to enter the University this fall, who could not otherwise have done so. It would be difficult to conceive of a benefaction more helpful and far-reaching than this, and those who thus give of their money or who have unselfishly labored to raise this fund may be sure that their generosity will be deeply appreciated by all, and especially by those who in the time of their most urgent need have received from them help in getting an education. The Burlington High School, though its graduates are to be found in nearly all of the New England colleges, sends by far the largest number of any of the preparatory schools to the University of Vermont. Nineteen of its graduates are now members of the freshman class, and this has been about the number furnished each year for the last six years. It was clearly an eminently wise thing on the part of the subscribers to these scholarships to put them at the disposal of the High School, as it will materially strengthen one of the largest feeders of the University. It is a good work begun, and it is hoped that other friends will be found to help carry it on. The trustees will be glad to receive at any time additional subscriptions to this fund.

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### HOWARD EDUCATIONAL PRIZE FUND.

The late Mrs. Hannah V. Howard, of this city, with singular thoughtfulness and public spirit, in her last will, made a bequest for the benefit of the High School, which will be of great and lasting benefit to the school, and will be a perpetual memorial of herself.

The extract from the will containing the provisions of the bequest and the proceedings of the trustees of the fund, are given below :

#### EXTRACT FROM THE WILL.

“ I give to Matthew H. Buckham, William G. Shaw and S. W. Landon, all of said Burlington, and their successors, in trust, the sum of two thousand five hundred dollars, as a permanent fund, to be called the Howard Educational Prize Fund, to be invested and managed by them and their successors, as trustees, and the net annual income thereof shall be devoted to the purpose of, and shall be paid out as prizes, to be called ‘ Howard Prizes,’ for scholarship, attainments, good standing and deportment on the part of the students in the University of Vermont and State Agricultural College, and in the Public High School in the City of Burlington.

“ Said trustees and their successors shall arrange and provide for and keep up a system of prizes in said institutions, and prescribe the mode of awarding the same, in such number and amount, and in respect to such studies, attainments, exercises and accomplishments as they shall think proper, and they may, from time to time, alter and amend such system so adopted by them.

“ The succession of such trustees shall be kept up by their own appointment in case of any vacancy in their number caused by death, resignation, removal from the city, or incapacity to serve.



“ Said trustees, or their successors, may at any time, when deemed advisable by them, pay, transfer, and pass over, either to said University and College, or to the City of Burlington, such portion of said fund, not exceeding one-half to either of said corporations, as they may think proper, and provide that the matter and system of prescribing and awarding such prizes shall be thereafter under the direction and management of said University and College, so far as respects their share of said fund; and under the direction and management of the Board of School Commissioners, or such other citizens, or officials connected with the Public Schools of the city, as such trustees shall designate, so far as respects the share of said fund then passed over to said city, and in respect to such portions of said fund as shall be transferred and passed over by said trustees, their duties and responsibility shall thereupon cease.”

The action of the trustees in the premises is indicated by the following report made by them to the Probate Court for the District of Chittenden.

“ To the Honorable Probate Court for the District of Chittenden, Vermont:

“ Burlington, Vermont, Nov. 25, 1893.

“ We, Matthew H. Buckham and S. W. Landon, trustees named in the will of Hannah V. Howard, to administer the fund bequeathed by said Hannah V. Howard, and to be called the Howard Educational Prize Fund, have this day by the power vested in us by the terms of the will, appointed Heman W. Allen trustee, to succeed William G. Shaw, deceased, and have notified him of his appointment.

“ (Signed)

“ MATTHEW H. BUCKHAM, } Trustees. ”  
“ S. W. LANDON, }



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“ Burlington, Vermont, Dec. 3, 1893.

“ We, Matthew H. Buckham, Heman W. Allen, and S. W. Landon, Trustees of the ‘ Howard Educational Prize Fund,’ have this day, by virtue of the authority given us by the terms of the bequest, unanimously voted to divide the fund and transfer to the University of Vermont and State Agricultural College one-half, and to the City of Burlington one-half. We have appointed the Superintendent of Schools, the Principal of the High School, and Harry L. Ward, Trustees, who shall administer, according to the provisions of the will, that portion of the fund transferred to the City of Burlington, and have notified them of their appointment.

“ In the case of the third trustee, as named above, should a vacancy occur by death, by resignation, removal from the city, or incapacity to serve, the succession shall be kept up by an appointment made by the other two trustees.

“ We have authorized Heman W. Allen, administrator of the estate of Hannah V. Howard, to pay to E. Henry Powell, Treasurer of the University of Vermont and State Agricultural College, twelve hundred and fifty dollars (\$1250), being that portion of the fund transferred to the College; and to Harry L. Ward, representing the trustees on the part of the city, twelve hundred and fifty dollars (\$1250), being that portion of the fund transferred to the city.

“ (Signed)

“ MATTHEW H. BUCKHAM,	} Trustees.”
“ HEMAN W. ALLEN,	
“ S. W. LANDON,	

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On behalf of the city, and more particularly on behalf of the Board of School Commissioners, this wise and generous be-

quest for our Public Schools, with its far-reaching results for good, is very gratefully recognized.

The details for the system of prizes provided for by this bequest have not yet been definitely settled, but the whole matter will receive the early attention of the trustees.

#### ACKNOWLEDGEMENTS.

Grateful acknowledgements are due and are presented to Mr. H. W. Hall for his gift of a flag for the Converse School, and to Mrs. Henry J. Nelson for placing W. M. Fitch's musikograph, a very ingenious and useful instrument for teaching music, in the same school.

#### CONCLUSION.

In closing this report, I have little to add, that is new, in respect to the general condition of our schools. Only a few changes have occurred in our corps of teachers, and the good things which have been said of them heretofore, may be considered as repeated here with added emphasis. As a class they are well trained by study and experience, and are successfully performing their chosen, exalted work.

The new teacher of music, Mr. J. H. Humphrey, is not a stranger in Burlington, he having resided here some years since. He has entered upon his work with a degree of intelligence and earnestness which give promise of excellent results.

Only a few new features in the course of study require special mention. One important step, however, has been taken.

The Converse School afforded an opportunity for a free kindergarten in connection with our public schools. The School Commissioners, with unanimity, decided to devote one room to this purpose, and provided it with the necessary furniture and material.

Miss Laura M. Ryan, for two years an assistant in Adam's Primary, where she had made use of kindergarten methods in her classes, as far as the circumstances would permit, was at the beginning of the present school year, placed in charge of the new kindergarten.

Miss Ryan received special training for this work, in the Chauncy Hall (Boston) Kindergarten Training School, and, in addition to her thorough training, is naturally adapted to this very interesting and important part of the proper education of children.

I regret that ours is not purely and solely a kindergarten, but it seemed necessary, for the present at least, to combine with some it of the lowest primary work. This work, will, I hope, in time, be eliminated. This is but the beginning, I trust, of a movement which will not stop until the whole city is provided with free public kindergartens.

For several years it has been our policy to supplement, or to substitute for the regular readers, complete masterpieces in literature, for the use of our reading classes. During the past year special prominence has been given to this matter, and several new selections of this character have been introduced. We are making this method, in our reading classes more and more prominent. The advantages of making use of complete selections from standard authors in this way are too obvious to require comment.

We are not unmindful of defects and deficiencies in our work, and we are constantly striving to overcome and supply them.

Our constant purpose and effort are to keep the whole line of our work at the front and ever advancing.

The scope of the Public Schools is constantly broadening, and I confidently look forward to the time when not only free

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kindergartens, but also manual training and mechanical schools shall become a part of the established system of the Burlington Public Schools.

With expressions of appreciation and gratitude to all who have co-operated in promoting the interests of the Public Schools in the city, this report is

Respectfully submitted,

HENRY\_O. WHEELER,

Superintendent.

January, 1894.

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# The Fletcher Free Library.

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FOUNDED IN 1873, BY MRS. MARY L. FLETCHER AND  
MISS MARY M. FLETCHER.

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## OFFICERS.

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TRUSTEES OF THE LIBRARY.

SENECA HASELTON, *ex-officio*.

E. J. PHELPS,

M. H. BUCKHAM,

SAMUEL HUNTINGTON,

J. ISHAM BLISS.

TRUSTEES OF THE FLETCHER FUND.

T. E. WALES,

EDWARD WELLS,

JOEL H. GATES.

LIBRARIAN.

SARAH C. HAGAR.

ASSISTANT.

LIZZIE R. MOORE.

MESSENGER.

GEORGE HENDERSON.

COMMITTEE ON LIBRARY AFFAIRS.

Alderman R. G. SEVERSON,

“ P. RITCHIE,

“ C. C. READ.

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## TWENTIETH ANNUAL REPORT OF THE FLETCHER FREE LIBRARY.

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### REPORT OF THE TRUSTEES.

BURLINGTON, VT., January 2, 1894.

*To the City Council of Burlington :*

GENTLEMEN : The Trustees of the Fletcher Free Library beg leave to submit the report of the Librarian and Treasurer for the year 1893.

Your obedient servants,

The Trustees,

By the Secretary,

J. ISHAM BLISS.

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### REPORT OF LIBRARIAN.

BURLINGTON, VT., January 2, 1894.

*To the Trustees of the Fletcher Free Library :*

GENTLEMEN : The Librarian's annual report for the year ending December 31, 1893, is respectfully submitted. It is the seventeenth to the Trustees, and the ninth which I have laid before your board.

During the past year 586 volumes have been added to the accession catalogue, making the whole number so catalogued 22,204.

A large number of other volumes not in constant use are



kept in the rooms, below the book room, for want of space on the main floor. In 1892 the circulation was 47,203 ; this year it was only 42,184, a loss of 5019. This is the first year since 1885, when I became Librarian, that there has not been a steady increase in the number of books given out for use at home. I am informed by other librarians that a similar decrease in circulation has been observed in the libraries under their charge ; also that books have been retained longer, and that generally a better class of books has been called for. The attractions of the World's Columbian Exposition at Chicago, taking many persons from the city, may have diminished the number of readers and of books taken out. In this library this decrease may be partly accounted for by the fact that fewer volumes of fiction and attractive books for the young have been purchased than in other years. The proportion of fiction and books for the young circulated for home use has been lessened. In 1892 the percentage of circulation of books of this character was 67 ; this year it was only 65½ per cent.

A large number of books for the young, counted with fiction and in constant circulation, are really travels, histories, biographies, etc., written to interest and instruct young persons. The reading and consultation of books in the library has increased, but we do not keep any account of that ; it has not been necessary, and would much increase our labor.

Again, this year, the cancelled registration of cards is larger than the record of those issued to new applicants. Only 754 were issued this year, 139 fewer than in 1892.

About 700 volumes were loaned to the teachers of the Public Schools for use in the school-rooms and at the homes of their pupils. The private schools in the city, also, often avail themselves of the same privilege.

We have no unusual or large gifts of books to record. Senator Morrill and the different United States Departments have added many useful government publications to our list. Mrs. C. E. Miner continued to supply the Popular Science Monthly, and Hon. E. B. Taft sent us the Nation. The University Cynic was contributed by its editors, the different newspapers of the city gave us their publications, the Daily Free Press generously published, without charge, lists of new books and other items concerning the library which might be of interest to the public. It is almost unnecessary to repeat that those citizens of Burlington who have made use of the library show a grateful appreciation of its benefits, and are patient when at some hours the number of applicants at the loan desk obliges them to wait for the librarian to find time to hunt up the books or information for which they ask. No better plea for a library can be found than the words of a most energetic and useful librarian, Mr. F. S. Crunden, of the St. Louis Free Public Library: "The Free Public Library appeals to public appropriation and private endowment, with perfect confidence in its ability to make the largest returns for both. Supported by public taxation, its advantages are shared by all; founded by private munificence, it confers benefits on a larger number than can be reached in any other way. It helps people by teaching them how to help themselves, and is, therefore, the wisest and most effective form of philanthropy."

Respectfully submitted,

SARAH C. HAGAR,

Librarian.

## REPORT OF TREASURER.

FLETCHER FREE LIBRARY, IN ACCOUNT WITH  
S. HUNTINGTON, TREASURER.

1893.	Cr.
January, 1, cash brought from account of 1892---	\$ 600 91
Dog tax for 1892-----	515 00
Annual interest, library fund-----	636 00
Fines collected by Librarian-----	160 00
	\$ 1,911 91

### CONTRA.

Cash to new account-----	\$ 383 72
Cash paid for books and periodicals---	710 19
Cash paid for interest bearing certificates-----	818 00
	\$ 1,911 91

Attest:

S. HUNTINGTON,  
Treasurer Fletcher Free Library.

## APPENDIX A.

## LIBRARY EXPENSES.

Salaries, Miss Hagar, Librarian-----	\$ 800 00
Miss Moore, Assistant Librarian-----	500 00
Messenger-----	144 00
Binding-----	455 99
Coal (less \$60 paid by School Department)-----	84 50
Gas-----	88 89
Printing cards, labels, etc-----	46 75
Printing reports-----	8 80
Repairs-----	12 75
Cleaning-----	46 75
Postage-----	15 00
Express, stationary, etc-----	10 95
Water-----	11 00
Incidentals, cover paper, etc-----	20 00
Total-----	\$ 2,244 88

## APPENDIX B.

*Circulation for 1893.*

	Fiction and Juveniles.	Total.
January-----	2511	3978
February-----	2587	4188
March-----	2925	4463
April-----	2570	4131
May-----	2139	3469
June-----	1805	2660
July-----	2018	2576
August-----	2137	2708
September-----	2040	3013
October-----	2109	3542
November-----	2419	3952
December-----	2361	3504
	27,621	42,184

## APPENDIX C.

*Circulation from 1876.*

	Fiction and Juveniles.	Total.
1876-----		35,448
1877-----	30,471-----	38,458
1878-----	25,186-----	35,238
1879-----	21,809-----	33,077
1880-----	19,579-----	29,432
1881-----	19,212-----	28,262
1882-----	18,308-----	26,437
1883-----	17,092-----	25,576
1884-----	15,027-----	20,173
1885-----	20,489-----	29,475
1886-----	27,337-----	37,753
1887-----	26,917-----	37,933
1888-----	28,701-----	41,948
1889-----	29,032-----	43,464
1890-----	30,303-----	45,828
1891-----	30,983-----	46,387
1892-----	31,599-----	47,203
1893-----	27,621-----	42,184

## APPENDIX D.

## GIFTS FOR 1893.

	Vols.	Pam.	Nos.
Allen, C. E.-----	2		
American Museum of Natural History---		2	
Amherst College-----		1	
Angell, Pres. J. B.-----		1	
Anonymous -----	1	3	
Arthur, J. A.-----	2		

	Vols.	Pam.	Nos.
Bixby, G. F., Albany, N. Y.-----		I	
Burlington Clipper-----			52
Burlington Free Press-----			365
Burlington Independent-----			52
Canfield, T. H.-----		I	
Crunden, F. M., St. Louis-----		2	
Davis, George E.-----		2	
Davies, J. M.-----		4	
Dewhurst, Rev. F.-----		I	
Englesby, Mrs. L. B.-----			85
Earth, The-----			42
Ehrenfechter, C. A.-----	I		
Errant, Joseph W., Chicago-----	I		
Foster, Capt. H. E.-----		I	
Henderson, Mrs. E.-----	3		
Harvard University-----	I	I	
Hickok, Mrs. J.-----			159
Hunt, L. B., Fairfax, Vt.-----	I		
Home Market Bulletin-----			12
Huntington, S. Jr.-----	9		7
Indian Rights Association, Philadelphia-----		49	
Johns Hopkins University-----		I	
Libraries, Aquilar-----		I	
Baltimore, Enoch Pratt-----		2	
Boston Public-----		I	
Brookline-----		I	
Brooklyn-----		I	
Chicago Public-----		I	
Cincinnati-----		I	
Cleveland-----		I	
Concord-----		I	
Dartmouth College-----		I	



	Vols.	Pams.	Nos.
Libraries, Denver -----		12	
Detroit -----		2	
Dover -----		1	
Glasgow, Baillie's Institute----		1	
Glasgow and Stirlings-----		1	
Gloversville -----		1	
Handsworth-----		1	
Hartford-----		2	
Harvard University-----		1	
Iowa State-----		1	
Jersey City-----		1	
Lawrence -----		1	
Leeds -----		1	
Liverpool -----		1	
Lowell-----		1	
Lynn-----		1	
Maimonides -----		1	
Manchester -----		1	
Massachusetts State-----	1		
Milwaukee-----		1	
Minneapolis-----	1	2	
Natick, Morse Institute -----		1	
Newark -----		2	
New Bedford-----		1	
New Haven-----		1	
Newton-----		1	
New York Free-----		1	
New York State-----		4	
New York University -----		1	
North Adams -----		1	
Oberlin-----		1	
Omaha-----		1	

	Vols.	Pams.	Nos.
Libraries, Paterson -----		8	
Peoria -----		1	
Pawtucket -----		1	
Providence -----		1	
Rutland -----		1	
St. Joseph -----		1	
St. Louis Free -----		1	
Salem -----		1	
San Francisco Public -----		1	
Scranton -----		1	
Southbridge -----		1	
Springfield -----		1	
Tynemouth, North Shields ---		1	
University of Pennsylvania ---		1	
Waltham -----		1	
Waterbury -----		1	
Watertown -----		1	
Wilkesbarre, Osterhout -----	1	2	7
Wilmington Institute -----		1	
Woburn -----		1	
Worcester -----		1	
Lowrey, Miss Lizzie -----	1		
Minneapolis Board of Trade -----		1	
Morrill, Hon. J. S. -----	9	2	
New Bedford Board of Trade -----		1	
Paradise of the Pacific -----			12
Peake, Miss A. -----	4		
Payne, W. W., Northfield, Minn. -----		1	
Pennsylvania Women's Medical College --		1	
Pierce, A. -----	17		
Proctor, Hon. Redfield -----		3	
Printer, The -----			12

	Vols.	Pams.	No.
Roberts, Robert-----		16	
Robinson, A. A., Boston-----	1		
Satterlee, Dr.-----		1	
Schurman, J. G., Pres. Cornell University-----		1	
Sho Nemoto, Japan-----	1	1	
Smithsonian Institution-----	8	1	
Shaw, Miss Fanny-----	4		
United States, Department of Agriculture-----		13	
Bureau of American Re-			
publics-----		21	
Department of Education--	3	7	
Bureau of Instruction-----		2	
Department of Interior----	69	5	
Labor Bureau-----	5		
Department of State -----		24	
Department of War-----	7		
Patent Office-----			52
University of Pennsylvania-----		1	
University of Vermont-----	1		
Vermont Bible Society-----		1	
Vermont State-----	11	11	
Welsh, Herbert, Philadelphia -----		1	
Waterhouse, S., St. Louis-----		8	
Wheeler, Rev. H, L., 2 portraits, 1 framed-----	3	6	7
Wheeler, Mrs. M. C.-----		36	14
Ware, Miss H. L.-----			28
Whaley, Rev. S., Long Island-----		1	
World's Fair-----		1	
World's Fair, British Section-----		1	
Yale University-----		1	
University Cynic-----			9

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REPORT  
OF THE  
HEALTH OFFICER.

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*To the Honorable The City Council:*

According to custom, I herewith submit my annual report for the year ending December 31st, 1893:

Nature has done much to render Burlington both beautiful and healthful. It is unsurpassed among the places noted for the beauty of their location and natural surroundings. Situated in the midst of mountain scenery and bounded on the west by Lake Champlain, it possesses everything to contribute to good health. Opportunities for health-giving exercise abound in walks, drives, mountain climbing and yachting, which do much of themselves to remove the causes of disease and impart vigor and strength.

The climate is not excelled for salubrity. While the vicinity of the lake modifies the extremes of temperature, both in winter and summer, the atmosphere is unusually bright and clear, and the proportion of sunshine to cloudy days is about five to one in all seasons of the year.

In the summer the climate is even and temperate; in the winter it is bracing, with abundance of snow and ice but not extremely cold as in some sections of the State. The surrounding foot-hills furnish an invigorating atmosphere at a moderate elevation, adding life and energy to the sojourners. The

country is fertile, producing a great variety of crops of grains, fruits and vegetables, with flowers in large profusion.

But however favorable the natural conditions, much is left for the efforts and labors of the health department, in our city as in other centers of population. Health and sanitation are allies. The former cannot long exist without the latter. If the preservation of life and good health in communities is of the first importance, then proper steps for careful and scientific sanitation in every city and town demand thoughtful attention. A city that adequately provides for it enriches personal life, and makes it fuller and richer for every inhabitant.

### THE SANITARY CONDITION OF THE CITY.

As the cholera scare has been hanging over our country for the past two seasons, most of our cities and incorporated villages have made extraordinary exertion to put such places in the best sanitary condition, and such efforts were made in Burlington. Last year the city was inspected from house to house and this has been repeated this year. The result of this work has been to put the city generally in a good and wholesome condition. Some locations are suffering from the noxious influences arising from the existence of privy-vaults and cesspools.

I found by inspection that on some premises, where there are small enclosures attached, the filth from privy-vaults has been repeatedly emptied and buried. Such a practice, long continued, must be prejudicial to good health in these locations. The ground must become contaminated by the baneful exhalations arising from the putrifying deposit. Many cities of equal size with ours, have a systematic arrangement for cleansing (in the night) such privy-vaults and cesspools, without disturbing the citizens in such localities. Such a scheme, or

the construction of sewers through the streets, is the remedy for us to adopt. If sewers are constructed, such premises can be connected with them by house drainage with sanitary plumbing thus protecting themselves against the dangers of the present practice.

### COLLECTION OF SWILLINGS.

This work has been done in the same way as last year. Farmers from the country come daily and gather the swillings, going from house to house. They are required to have liquid-tight vessels with close-fitting covers in which to deposit what they gather for removal from the city.

### INSPECTIONS.

Besides the labors of a deputy inspector, about four hundred inspections have been made, consisting of the examination of slaughter-houses, pig-pens, fruit and vegetable stands, drains, defective drainage and plumbing.

During the year about 160 residences have been connected with the sewer, many new residences have been erected and most of them have been thus connected and all have been duly inspected. In some cases I find the use of very expensive plumbing. In other cases the plumbing is less expensive but useful and of an approved quality. Only in a few cases was the work found defective.

### SEWERS.

Sewers have been extended through a number of our streets during the year, and some of the householders have utilized them for house drainage, appreciating the importance and benefit of obtaining an effective plumbing system. It is hoped that during the next year many more will utilize the drainage system in the sewer districts, and that the sewer sys-



tem will be still more extended so that many nuisances such as privy-vaults and cesspools may be abolished.

### PUBLIC HEALTH.

Contagious and infectious diseases during the year were :

Scarlatina,	211 cases	-----	4 deaths.
Diphtheria,	14	“ -----	3 “
Typhoid Fever,	30	“ -----	8 “
Measles,	15	“ -----	0 “
Pertusis,	6	“ -----	3 “
Mumps,	12	“ -----	0 “
Rubella,	10	“ -----	0 “
Varicella,	11	“ -----	0 “

Among the various contagious and infectious diseases reported, none of them have become epidemic excepting scarlet fever. Most of the cases were of a very mild type. It is known that there were some cases which were not reported. Such cases were due to the ignorance of the law on the part of householders, no physician having been called.

No knowledge of such cases was had except by public rumor, and, upon examination and investigation, I found most of the rumors were false and some stale, and the cases had already so far recovered that no supervision or restriction could be exercised. Many of the non-reported cases, being so mild, the parents permitted the afflicted children to roam about the streets and even to be in attendance at school, and in this way, doubtless many were exposed to the disease.

Of the 211 cases, 113 were in families where only one case occurred, yet other members of the family were proper subjects for the disease. This fact is of interest and argues in favor of a quarantine and isolation of the patient together with the use of disinfectants, which was done as fully as circumstances

would allow. Of the 211 cases, 16 families had two cases each ; seven, three ; five, four ; and only one family had six patients.

From the above tabulated statement it will be seen that the cases have been very mild and the mortality remarkably small. Owing to the prevalence of the disease in November some of our citizens wished to have the schools closed, but the Health Department thought it would be a great injury to the schools and objected to such a course. The Superintendent approved of this action.

### DIPHTHERIA.

From the above table it will be seen that there were fourteen cases of diphtheria and four deaths from this disease. These cases were treated sanitarily, as those of scarlet fever, only more rigidly.

### CONSUMPTION.

This dreaded disease has been the cause of more deaths during the year than any one in the catalogue. It is regarded as a communicable disease, but owing to its long continuance a quarantine would be impracticable.

### RECOMMENDATION.

Owing to the fact that some grades of meat, which are not marketable and suitable for family use, are sold in our markets, I would recommend the passage of an ordinance requiring the appointment of an inspector to examine all kinds of meats and produce offered for sale in the city, and providing a suitable place for such inspection.

# VITAL STATISTICS

## OF THE

# City of Burlington, Vermont,

For the Year 1893.

**TABLE 1. Marriages.**

		Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Total.	
NATIVITY OF GROOM.	United States.	5	10		14	7	11	8	8	6	15	10	6	100	
	Canada-----	2	2	1	2	3	4	1	2	2	2	3	2	26	
	Ireland-----				1	2		1						4	
	Other														
	Countries --	1	1		1				1		1			5	135
NATIVITY OF BRIDE.	United States.	4	11	1	16	10	11	7	9	5	16	12	7	109	
	Canada-----	3	2		1	1	4	3	1	3		1	1	20	
	Ireland-----														
	Other														
	Countries --	1			1	1			1		2			6	135

TABLE NO. 2.--Births, Season, Nativity, Sex, Locality and Number of Mothers of Each Age.

SEASON.	SEX OF CHILD		NATIVITY.					LOCALITY.					AGE OF MOTHERS.																
	Male.	Female.	FATHER.	MOTHER.				BIRTHS.					No.	Age.															
				United States.	Canada.	Ireland.	Other Countries.	Unknown.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Total.	No.	Age.													
January	25	18	23	8	4	5	3	28	9	2	4	--	3	18	11	4	4	7	9	5	43	21	25	3	12				
February	18	12	16	4	--	2	2	17	3	1	3	--	--	6	10	10	5	5	5	5	24	21	25	2	14				
March	15	21	28	5	--	3	--	27	6	1	1	--	3	10	10	10	7	7	5	35	20	27	2	44					
April	15	18	16	12	1	2	2	18	11	--	3	--	2	10	10	10	7	7	5	35	20	27	2	44					
May	16	16	20	7	1	4	2	26	4	--	2	--	--	10	12	12	2	2	6	32	15	29	4	1					
June	15	17	23	4	--	4	--	23	4	--	4	--	--	7	9	9	5	5	6	32	22	30	--	--					
July	20	13	20	7	2	4	--	31	6	1	3	--	1	9	13	13	2	2	10	9	33	8	31	--	--				
August	24	16	27	9	--	3	1	22	7	--	3	--	1	9	20	13	1	4	9	40	40	30	--	--					
September	10	20	16	11	--	3	--	21	5	--	3	--	--	4	15	15	4	4	7	30	25	25	--	--					
October	11	14	18	5	--	2	--	17	6	--	1	--	2	4	4	4	2	2	8	25	33	--	--	--					
November	22	11	20	9	1	3	--	22	7	--	3	--	--	8	16	16	5	5	10	36	33	--	--	--					
December	19	18	21	9	3	3	--	29	5	--	2	--	1	8	13	13	5	5	10	36	36	--	--	--					
Totals	204	194	248	90	12	36	8	281	67	7	32	7	16	109	144	45	84	338	338	338	338	338	338	338	338	338	338	338	338

\* Twin births, 4.

† Not stated

**TABLE No. 3.—Mortuary. Season, Deaths, Sex, Color,  
Social Conditions and Ages.**

	Jan.	Feb.	Mar.	April	May	June	July	Aug	Sept	Oct.	Nov	Dec	Total
Deaths .....	22	24	28	28	42	17	20	23	19	16	16	26	281
Still Births .....	3	1	2	1	3	3	3	2	2	2	1	2	25
Totals .....	25	25	30	29	45	20	23	25	21	18	17	28	306
<b>SEX AND COLOR.</b>													
White .....	25	24	30	29	44	20	23	25	21	18	17	28	304
Colored .....	—	1	—	—	1	—	—	—	—	—	—	—	2
Totals .....	25	25	30	29	45	20	23	25	21	18	17	28	306
Males .....	11	7	16	14	14	7	10	10	10	9	7	10	115
Females .....	14	18	14	15	31	13	13	15	11	9	10	18	191
Totals .....	25	25	30	29	45	20	23	25	21	18	17	28	306
<b>SOCIAL CONDITIONS.</b>													
Married .....	7	6	10	5	15	8	6	2	8	4	0	6	77
Widowed .....	6	5	5	5	6	2	0	6	2	4	3	3	47
Single .....	12	14	15	19	24	10	17	16	11	10	13	16	177
Not stated .....	—	—	—	—	—	—	—	1	—	—	1	3	5
Totals .....	25	25	30	29	45	20	23	25	21	18	17	28	306
<b>AGES.</b>													
Under 1 year .....	8	3	12	12	9	5	10	9	8	5	7	10	98
1 to 5 years .....	2	3	—	5	4	—	—	2	—	—	—	4	20
5 to 20 years .....	—	4	—	1	4	3	5	2	1	3	1	—	24
20 to 50 years .....	5	7	10	2	10	6	4	4	5	4	4	2	63
50 to 70 years .....	3	4	4	4	12	4	2	1	6	—	3	4	47
Over 70 years .....	5	3	1	2	3	1	2	3	1	5	1	6	33
Over 80 years .....	2	—	—	3	3	1	—	4	—	1	1	2	17
Over 90 years .....	—	1	3	—	—	—	—	—	—	—	—	—	4
Totals .....	25	25	30	29	45	20	23	25	21	18	17	28	306
<b>DEATHS BY WARDS.</b>													
Ward 1 .....	3	2	3	2	5	1	3	2	2	4	—	—	27
Ward 2 .....	6	4	9	5	11	7	6	7	5	4	3	4	71
Ward 3 .....	5	7	11	9	12	7	10	8	6	3	6	13	97
Ward 4 .....	3	6	3	5	9	3	2	5	6	3	5	3	53
Ward 5 .....	8	6	4	8	7	2	2	3	2	4	2	8	56
Not stated .....	—	—	—	—	1	—	—	—	—	—	1	—	2
Totals .....	25	25	30	29	45	20	23	25	21	18	17	28	306
<b>NATIVITY.</b>													
United States .....	18	21	26	23	31	15	17	18	17	18	15	23	236
Canada .....	2	1	—	3	5	2	—	5	—	2	1	1	22
Ireland .....	4	2	4	1	2	3	2	2	1	4	1	4	30
Other Countries .....	—	—	—	1	3	—	—	2	—	—	—	—	8
Not stated .....	1	1	—	1	4	—	2	—	1	—	—	—	10
Totals .....	25	25	30	29	45	20	23	25	21	18	17	28	306

**TABLE 3.—Continued. Classification of Diseases. Class 1.—Zymotic Diseases. Class 2.—Constitutional Diseases. Class 3.—Local Diseases. Class 4.—Developmental Diseases. Class 5.—Violence.**

	Jan.	Feb.	Mar.	April.	May	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<b>DISEASES CLASSED</b>													
Zymotic .....	2	4	3	6	3	1	4	7	5	1	1	3	40
Constitutional .....	3	7	3	1	9	6	6	3	5	4	2	4	53
Local .....	11	12	15	17	22	10	8	9	8	9	9	12	142
Developmental .....	4	5	8	4	9	3	4	5	3	4	4	8	61
Violent Deaths .....	2		*1	1	2		1	1			1	1	10
Totals .....	22	28	30	29	45	20	23	25	21	18	17	28	306
<b>ZYMOTIC DISEASES</b>													
Alcoholism .....				1									1
Cholera Infantum .....	1			3			4	4	2		1		15
Cholera Morbus .....								1					1
Diphtheria .....				1					1	1			3
Erysipilis .....								1					1
Fever, Bilious .....		1											1
Fever, Continued .....			1										1
Fever, Nervous .....					1								1
Fever, Typhoid .....	1	3	1		1		1	1					8
La Grippe .....											1		1
Otorrhœa, Causing Blood Poison .....				1									1
Scarletina .....						1					2		3
Septicæmia .....			1		1				1				3
Totals .....	2	4	3	6	3	1	4	7	5	1	1	3	40
<b>CONSTITUTIONAL ORDER NO. 1.</b>													
<b>DIATHETIC.</b>													
Anæmia Pernicious .....						1							1
Cancer .....											1		1
Cancer of Breast .....								1					1
Cancer of Larynx .....						1							1
Cancer of Liver .....	1										1		2
Cancer of Peritoneum .....					1								1
Cancer of Stomach .....									2				2
Caries of Spine .....					1								1
Sarcoma of Femur .....		1											1
Totals .....	1	1			2	2		1	2			2	11
<b>CONSTITUTIONAL ORDER NO. 2.</b>													
<b>TUBERCULAR</b>													
Phthisis .....	2	4	3		5	3	5	1	3	3	2	1	32
Tuberculosis .....		2			1	1	1	1				1	7
Tubercular Meningitis .....				1	1					1			3
Totals .....	2	6	3	1	7	4	6	2	3	4	2	2	42

\*Not stated.



	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
LOCAL ORDER 1. NERVOUS.													
Apoplexy	1		1		2	1	1	1				2	9
Cerebral Anæmia, following Pertussis			1										1
Cerebral Meningitis	1												1
Cerebro Spinal Meningitis, Chronic										1			1
Congestion of Brain												1	1
Convulsions	1	1				1	2		1		1	2	9
Encephalitis				1				1					2
Hemiplegia									1				1
Hydrocephalus				1									1
Locomotor Ataxia					1								1
Meningitis				2			1	1					4
Nerve Exhaustion at Menopause												1	1
Paralysis		1		1	1	1		2		1			7
Spinal Meningitis				1									1
Totals	3	2	2	6	4	3	4	5	1	2	2	6	40
LOCAL ORDER 2. CIRCULATORY.													
Hæmoptysis						1	1						2
Heart Disease		1	1	1	4	2	1		2	1	1		14
Heart disease and Asthma				1									1
Heart Disease, following La Grippe	1												1
Heart Disease, " Pneumonia		1											1
Heart Failure												1	1
Hæmorrhage of Placenta prævia						1							1
Totals	1	2	1	2	4	4	2		2	1	1	1	21
LOCAL ORDER 3. RESPIRATORY.													
Bronchitis											1		1
Bronchitis, Capillary		1	1		1					1	1	2	7
Bronchitis, Chronic		1			2								3
Congestion of Lungs			1		1								2
Hydropneumonia							1						1
Œdema of Glottis									1				1
Pneumonia	2	4	5	3	3	1			1	4		1	24
Pneumonia, Broncho				1								2	3
Pneumonia, Typhoid		1	1										2
Pneumonia and Whooping Cough			1	1									2
Whooping Cough		1											1
Whooping Cough and Cholera Infantum				1									1
Totals	2	8	9	6	7	1	1		2	5	2	5	48

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
LOCAL ORDER 4. DIGESTIVE.													
Chronic Catarrh of Stomach and Bowels			1										1
Diarrhœa, Chronic					2								2
Dysentery						1							1
Enteritis and La Grippe			1										1
Enteritis				1									1
Entro Collitis									1				1
Gastritis, Acute				1									1
Gastro Enteritis					1		1	1	1	1			5
Hernia, Strangulated					1								1
Jaundice	2												2
Malassimilation								1					1
Peritonitis								1					1
Peritonitis, Chronic						1							1
Stomatitis								1					1
Ulceration of Stomach and Arteries			1										1
Totals	2		3	2	4	2	1	4	2	1			21
LOCAL ORDER 5. URINARY.													
Bright's Disease					1						3		4
Chronic Cystitis					1								1
Diabetes	1												1
Dropsy									1				1
Nephritis, Acute					1								1
Rheumatism and Nephritis	2												2
Uræmia				1									1
Uræmic poison from Scarlet Fever											1		1
Totals	3			1	3				1		4		12
DEVELOPMENTAL.													
Asthænia		1	1	1	2								5
Asthænia from La Grippe		1											1
Congenital Debility		1			1						1		3
Cyanosis									1	1			2
Dystocia			2										2
General Debility											1		1
Inanition	1				1			1					3
Old Age		1	2	2	2			2		1	1	3	14
Premature Birth											1	2	3
Spinal Abscess							1						1
Still Births	3	1	2	1	3	3	3	2	2	2	1	2	25
Umbilical Hemorrhage			1										1
Totals	4	5	8	4	9	3	4	5	3	4	4	8	61

	Jan.	Feb.	Mar.	April.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
<b>VIOLENT DEATHS</b>													
Accidental .....					1								1
Accident, Fractured Hip .....	2											1	3
Asphyxia .....				1									1
Accident, Electric Shock .....					1		1	1			1		1
Surgical Operation .....													3
<b>Totals</b> .....	2			1	2		1	1			1	1	9

### ANALYSIS OF THE VITAL STATISTICS.

During the year 1893 there were 135 marriages, 398 births, 306 deaths, including 25 still births. The excess of births over deaths shows an increase in the population of 92 by these natural events. As compared with the year 1892, there were 16 less marriages, 7 more births and 30 less deaths in 1893.

#### MARRIAGES.

The ratio of persons married in 1893 to the whole population was 1 to 111.

*Season.*—There were 22 marriages in the first quarter of the year, 45 in the second, 29 in the third, 39 in the fourth.

#### DEATHS.

There were 306 deaths, including 25 still births, during the year 1893,—30 less than in 1892.

Estimating the population at 15,000, the ratio of deaths, exclusive of still-births, was 18.46 to 1,000 inhabitants, or 1 death in 53 of the population.

*Season.*—The greatest number of deaths (84) was in the second quarter of the year, and the smallest (63) in the fourth. The greatest monthly mortality was 45 in May, and the least, 17, in November.

*Sex.*—There were deaths of 115 males and 191 females.

*Social Relations.*—One hundred and seventy-seven of the deaths—including 25 still-births—were of single persons; 77 of married, 47 of widows or widowers, and 5 not stated.

*Age.*—There were 123 deaths, including 25 still-births, of children under 1 year of age, or 40.19 per cent. of all deaths; 20 of children between 1 and 5 years old, or 6.53 per cent. of all deaths; 24 between the age of 5 and 20, or 7.84 per cent. of all; 63 were between 20 and 50, or 20.58 per cent. of all; 47 were between 50 and 70, or 15.35 per cent. of all; and 33 of persons 70 and over, or 10.74 per cent. of the total. Of this last number 17 were over 80 and 4 were over 90.

*Nativity.*—Two hundred and thirty-six of the deceased, including 25 still-births, were born in the United States; 22 in Canada; 40 in Ireland, and 8 in other countries.

*Diseases—Classes.*—Zymotic 40, constitutional 53, local 142, developmental 61, violent deaths 10.

*Deaths by Wards.*—Ward 1, 27; Ward 2, 71; Ward 3, 97; Ward 4, 53; Ward 5, 56; not stated, 2.

#### CAUSES OF DEATH.

Under the *Zymotic* class, or diseases which are either epidemic, endemic or contagious, and which are in a measure preventable by sanitary regulations, 40 deaths are recorded. Fifteen, the largest number, were of cholera infantum; 2 of cholera morbus; 8 of typhoid fever; 4 of scarlatina; 3 of diphtheria; and 3 of septicæmia.

*Season.*—There was one death of cholera infantum in January, 3 in April, 4 in July, 4 in August, 2 in September and 1 in November; of diphtheria, 1 in April, 1 in September and 1 in October; of typhoid fever, 1 in January, 3 in February, 1 in March, 1 in May, 1 in August and 1 in September; of

scarlatina, 1 in June, 1 in November (see under head of Local Order 5, Urinary) and 2 in December.

Under the *Constitutional* class, or diseases consequent upon a bad habit of body, sometimes hereditary, or in which there is a deposit of new morbid products in various parts of the body, 53 deaths are recorded, or 17.28 per cent. of all deaths; 39 were of consumption—9 less than in 1892—; 8 of cancer; 3 of tubercular meningitis, and 7 of tuberculosis.

*Season.*—Deaths from consumption occurred in every month in the year except April.

Under the *Local* class, or diseases in which the functions of particular organs or systems are disturbed or obliterated, and sometimes hereditary, 142 deaths are recorded, or 46.40 per cent. of all deaths; 40 were under the order nervous; 21 circulatory; 48 respiratory; 21 digestive; 12 urinary.

*Season.*—Deaths in this class occurred at all seasons of the year. There were 24 deaths from pneumonia, 7 more than in 1892.

*Developmental* diseases, which occur incidentally to the formative, reproductive and nutritive processes, are represented by 61 deaths during the year, or 19 per cent. of all deaths. Under the order of children are 25 still-births, 2 of cyanosis, 3 of premature births, 3 of congenital debility and 1 of umbilical hemorrhage.

Under the order of old age there were 14 deaths.

Under the order of women there were 2 deaths of dystocia.

Under the order nutrition there were 3 deaths of inanition.

*Season.*—There was nothing noteworthy in the distribution of these deaths through the year.

There were 9 deaths by *violence* during the year 1893,

viz: 1 by accident, 3 by shock from fractured hip, 1 by asphyxia, 1 by electric shock, and 3 by shock from surgical operation.

#### BIRTHS.

There were 398 births during the year 1893, or 7 more than in 1892. In this number are included 2 illegitimate births, 4 twin births, and 25 still-births.

The proportion of live births to population (15,000) was 1 in 37.68.

*Sex.*—Males, 204; females, 194,—or 10 more males than females.

*Parentage.*—Two hundred and forty-eight fathers and 281 mothers were born in the United States; 90 fathers and 67 mothers were born in Canada; 12 fathers and 7 mothers were born in Ireland, and 36 fathers and 32 mothers were born in other countries. The nativity of 8 fathers and of 7 mothers was unknown.

*Season.*—One hundred and three births occurred in the first, 97 in the second, 103 in the third and 95 in the fourth quarter.

*Locality.*—One hundred and forty-four births—36 per cent. of the whole number—occurred in the Third Ward, 109 in the Second, 84 in the Fifth, 45 in the Fourth, and 16 in the First Ward.

*Twin Births.*—There were 4 of these cases.

*Age of Mothers.*—The age at which women bore the greatest number of children in 1893 was 22 and 24, 26 children having been born by mothers of those ages. The youngest mother was 15 years old, and the oldest were two of 46 years. Eighteen children were born by mothers 18 years old and under, and 21 by women 40 years old and over.



By the courtesy of Mr. Charles E. Allen and Mr. Walter B. Gates, I am able to append a table of meteorological observations, showing the temperature and precipitation for Burlington during the year 1893.

I take this opportunity to extend my thanks to the members of the Health Committee and to the City Clerk, for valuable assistance in the performance of my duties.

Very respectfully submitted,

H. A. CRANDALL, M. D.,  
Health Officer.

## METEOROLOGICAL OBSERVATIONS, CITY OF BURLINGTON, VERMONT.

BY CHARLES E. ALLEN.

Showing the maximum and minimum temperature and the range of temperature, at hours of observation for the year 1893; the mean range of each month in the year, and the mean monthly, annual and general average.

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## REPORT OF THE CITY PHYSICIAN.

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*H. A. Crandall, M. D., Health Officer.*

DEAR SIR :—During my occupancy of the office of City Physician, a fair number of cases have been called to my attention. In a few cases this has been all the assistance asked for.

Little additional work is required from this department by the several charitable institutions of the city, as generally the best of judgment is exercised by the various managements, in guarding against imposition in this respect.

Agreeably to the rule established by the Overseer of the Poor, Mr. Russell, I have visited the Poor Farm at least once a week. Two deaths are recorded there for the year, one from extreme old age and one from general dropsy.

I have taken much pains to inquire into the quality of the food, etc., furnished the inmates of the Poor House, and have found it of the most satisfactory character, and to all appearances a genuine effort was at all times made to render the place as comfortable and homelike as is possible in an institution of the kind.

Respectfully submitted,

GEORGE S. CAHILL, M. D.,

City Physician.

Burlington, Vt., January 26th, 1894.

## REPORT

OF THE

# Board of Street Commissioners.

*To the Honorable the City Council.*

GENTLEMEN :—The Board of Street Commissioners submit the following report for the year ending, Dec 31, 1893.

## STREET DEPARTMENT.

Cash on hand, Jan. 1st, 1893, \$1,570.20; from the highway tax \$22,340.58; from special appropriation for concreting Church street, \$1,600.00, and our share of the State Highway tax received from the State Treasurer, \$322.65, making in all for street purposes \$25,833.43, to which should be added collections made by the City Treasurer and the Superintendent of Streets, for curbing, sidewalks, etc., and which was used by us the second time, the sum of \$10,312.21, making the total amount received by the Street Department, \$36,145.64. Of the above amount there has been used by our Superintendent of Streets during the year, as shown by his report to the Street Commissioners, \$36,064.49, leaving a balance on hand of \$81.15.

During the year we have spent about \$10,000.00 in what we consider permanent work, such as macadamizing Maple street from Champlain street to St. Paul street, and St. Paul street from Maple street to King street, also filling to new grade in South Union street at the junction of Buell street, and

in the change of grade in several streets, occasioned by the occupation of such streets by the electric railroad.

Late in the season the Street Commissioners were invited to Rutland to see the working of a steam road roller, and after consultation with some of our leading citizens, believing it to be for the interest of the city to own one, we purchased a fifteen ton machine, which we have used enough to demonstrate to us that the investment was a proper one to make, as we are now in a position to do first-class street work.

The changing of the "Burlington Horse Railroad Co.," from a horse railroad to an electric road, occasioned the demoralization of a large portion of some of our most prominent streets, and necessitated the expenditure of more money on some of these streets than we would otherwise have expended, consequently we have not expended as much, as we would have liked, in repairing some of our streets which needed more work done on them than we were able to do.

#### SEWER DEPARTMENT.

We have received from the City Treasurer the amount appropriated for 1893, \$2,200.00, and from collections made for sewer assessments for work done during the year, \$3,273.87, making in all for our use during the year \$5,473.87, which has been expended as follows: For overdraft Jan. 1st, 1893, \$915.18 and for work done under the supervision of the Superintendent of Streets, as shown in his report, \$5,061.62, leaving an overdraft of \$502.93, but we have on hand, tile, which is paid for, amounting to over \$1000.00, which more than makes our shortage good.

We have found that the amendment of our City Charter, which allows parties assessed for sewers, sidewalks or curbing, the privilege of paying for such improvements in installments, has worked satisfactorily in all cases during the year.

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ELECTRIC LIGHTS.

In this department we had placed to our credit for our use during the year, \$12,000.00, and we have expended \$11,796.24, leaving an unexpended balance of \$203.76.

We now have 131 electric lights which are supposed to burn 22 nights or more a month; 101 lights until 12:30 A. M., and 30 lights all night.

Our old contract for lighting the streets expired Sept. 1st, 1893, at which time a new contract was made by the city with the "Consolidated Electric Light Co.," to run for a term of five years, and the price to be paid by the city is specified in section 2 of said contract, and is as follows:

"Section 2. It is understood and agreed that the proposition hereby accepted by the party of the first part (the city) provides that one hundred and one (101) or more lights are to be lighted twenty-two (22) or more nights per month until 12:30 A. M., and thirty (30) or more lights twenty-two (22) or more nights per month are to be lighted all night; and the party of the first part agrees to pay for the same twenty-seven (27) cents per light per night for lights running until 12:30 A. M., and forty-five (45) cents per light per night for lights running all night for the term of five years except as hereinafter otherwise provided."

Then follows a proposition made by the "Consolidated Electric Light Co." to allow the city to cancel its acceptance of the above proposition (which was proposition number one), and accept any other of four separate propositions made by the "Consolidated Electric Light Co.," upon the city giving the company thirty days' written notice of their desire to make such change.

We have copied a portion of this contract, believing it to be of interest to our taxpayers.

Thanking you for the courtesy shown us during the year, we now ask you to carefully read the following report of our



Superintendent of Streets for an itemized account of our expenditures.

Respectfully submitted,

N. K. BROWN,	}	Street Commissioners.
J. G. BACON,		
E. M. SUTTON,		

Burlington, Vt., Jan. 1st, 1894.

# REPORT

## OF THE

# Superintendent of Streets.

*To the Honorable Board of Street Commissioners of the City of Burlington :*

GENTLEMEN :—I have the honor to present herewith my report for the period, January 1st, 1893, to January 1st, 1894.

### SEWER DEPARTMENT.

#### RECEIPTS.

Cash from City Treasurer -----	\$ 4,989 12
Less Collections paid City Treasurer --	494 72
	—————\$ 4,494 40

#### DISBURSEMENTS—BASINS.

Battery and Maple street-----	\$ 110 85
Church street-----	26 90
Hyde and North streets-----	21 85
Mechanics street-----	50 64
North street and Elmwood avenue ----	125 15
Pine and Maple streets-----	134 80
School and Loomis streets-----	96 10
Union and Buell streets-----	127 00
	—————\$ 693 29

#### SEWERS.

Church street-----	\$ 190 33
--------------------	-----------

## STREET DEPARTMENT.

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Decatur street -----	337 41	
Intervale avenue-----	858 56	
Main street-----	346 26	
Peru street -----	84 95	
Prospect street-----	856 24	
Winooski avenue -----	294 28	
	<hr/>	\$ 2,968 03

## MISCELLANEOUS.

Cleaning basins-----	\$ 149 60	
General repairs, basins -----	8 50	
General repairs, sewers -----	222 72	
Tile account-----	452 26	
	<hr/>	\$ 833 08

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 4,494 40

## STREET DEPARTMENT.

## RECEIPTS.

## Buildings and Parks Department :

Battery Park-----	\$ 166 98
City Hall -----	24 65
City Hall Park -----	5 36
F. F. Library building -----	1 30
City team earnings-----	2,556 29
Crusher-----	791 02
Fire department-----	2 80
Health department-----	23 50
Individual accounts (private work)-----	3,371 48
Old bills -----	829 55
School department -----	71 43

Town of Colchester-----	149 98
Water department-----	1 14
Cash from City Treasurer--\$36,064 49	
Less collections paid City	
Treasurer -----	6,787 72
	<hr/> \$29,276 77
	<hr/> \$37,272 25

## DISBURSEMENTS.

Adams street -----	\$ 46 34
Archibald street-----	49 35
Bank street-----	27 28
Barrett street -----	246 28
Battery street-----	81 75
Buell street-----	57 60
Champlain street-----	40 70
Chase street -----	180 68
Cherry street -----	29 80
Cliff street-----	17 30
College street-----	319 97
Colchester avenue-----	1,517 11
Church street-----	64 15
Decatur street -----	26 80
Elmwood avenue-----	8 45
First street -----	8 25
Front street -----	16 75
Greene street-----	29 20
Grove street-----	23 67
Hickok place and Converse court -----	6 45
Howard street -----	75 85
Hyde street -----	43 35
Intervale avenue-----	375 03
Intervale road -----	28 45

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Lake street-----	60 66
Ledge road-----	31 20
Loomis street-----	22 40
Main street-----	1,070 44
Mansfield avenue-----	23 25
Maple street-----	238 25
North avenue-----	7 00
North street-----	117 60
Park avenue-----	83 34
Peru street-----	83 17
Pine street-----	228 80
Pine street, extension of-----	415 56
Pitkin street-----	5 15
Prospect street-----	87 25
St. Paul street-----	561 48
School street-----	531 38
Shelburne street-----	956 70
Spruce street-----	20 90
Staniford road-----	5 40
Summit street-----	55 50
Union street-----	1,316 19
University place-----	94 05
Willard street-----	35 70
Williams street-----	22 25
Winooski avenue-----	159 90
Winooski road-----	119 25
	<hr/> \$ 9,673 33

## DISBURSEMENTS—CURBING.

Champlain street-----	10 12
Cherry street-----	19 60
Elmwood avenue-----	22 70

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Intervale avenue-----	20 92
Lafountain street-----	16 60
Maple street-----	1,528 11
North street-----	598 74
Pine street-----	31 35
St. Paul street-----	206 73
Summit street-----	464 80
Union street-----	319 94
University place-----	86 08
Winooski avenue-----	29 87
General repairs, curbing-----	46 60
	----- \$ 3,402 16

## DISBURSEMENTS—MACADAMIZING.

Maple street-----	\$ 1,467 28
St. Paul street-----	600 15
	----- \$ 2,067 43

## DISBURSEMENTS—PAVING GUTTERS.

Champlain street-----	8 80
Intervale avenue-----	20 40
Maple street-----	344 25
North street-----	228 90
Pine street-----	34 90
St. Paul street-----	108 10
Summit street-----	142 50
Union street-----	116 55
General repairs, paving-----	6 65
	----- \$ 1,011 05

## DISBURSEMENTS—SIDEWALKS.

Bank street-----	\$ 7 56
Colchester avenue-----	154 20



Greene street -----	9 40
Howard street -----	6 30
Intervale avenue -----	11 65
Maple street -----	816 13
North avenue -----	14 55
North street -----	503 30
Prospect street -----	6 90
St. Paul street -----	117 91
Summit street -----	43 99
Union street -----	29 60
Winooski avenue -----	73 75
	<hr/> \$ 1,795 24

DISBURSMENTS—MISCELLANEOUS.

Bills due -----	610 76
Bridge Heineberg -----	15 30
“ Winooski -----	733 98
Buildings and Parks Department :	
Battery Park -----	177 48
City Hall -----	7 64
City Hall Park -----	27 82
F. F. Library building -----	1 30
City team account -----	2,106 51
Cleaning streets -----	1,005 84
Concreting Church street -----	2,115 34
Concreting street corners -----	232 60
Crossings -----	251 51
Crusher -----	1,252 43
Fire Department, Ethan Allen Engine-	
Co. -----	4 75
General repairs -----	2,077 96
“ “ flagging -----	40 14

Health Department-----	23 50	
Individual accounts (private work) ---	3,371 48	
Office expenses -----	64 81	
Repairing tools -----	358 71	
Salary City Engineer-----	500 00	
“ Street Commissioners -----	350 00	
“ Superintendent \$1,000.00, less amount charged to sewers-----	900 00	
School Department-----	71 43	
Shed for steam road roller-----	128 34	
Snow work-----	688 71	
Tools and stock-----	825 15	
Trimming trees-----	82 70	
Water Department -----	96 85	
Steam road roller, payment on account	1,200 00	
	<hr/>	\$19,323 04
		<hr/>
		\$37,272 25

## RECAPITULATION.

## RECEIPTS.

Cash from City Treasurer--	\$41,053 61	
Less collections paid City Treasurer -----	7,282 44	
	<hr/>	\$33,771 17
City team earning-----	2,556 29	
Cash from miscellaneous ac- counts -----	5,439 19	
	<hr/>	\$41,766 65

## DISBURSEMENTS.

Sewer Department :—	
Basins -----	\$ 693 29

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Sewers-----	2,968 03	
Miscellaneous-----	833 08	
	<hr/>	\$ 4,494 40

## Street Department :—

Streets -----	\$9,673 33	
Curbing-----	3,402 16	
Macadamizing -----	2,067 43	
Paving-----	1,011 05	
Sidewalks -----	1,795 24	
Bridges -----	749 28	
Salaries -----	1,750 00	
City teams -----	2,106 51	
Cleaning streets-----	1,005 84	
Concreting Church street -----	2,115 34	
Crusher -----	1,252 43	
General repairs -----	2,077 96	
Snow work -----	688 71	
Steam road roller-----	1,200 00	
Tools and stock-----	825 15	
Miscellaneous -----	1,158 81	
	<hr/>	\$ 32,879 24
Individual accounts-----	3,371 48	
Bills due-----	610 76	
Various departments -----	410 77	
	<hr/>	\$ 4,393 01
		<hr/> \$41,766 65

We, the undersigned, have examined the accounts and vouchers of Herald Stevens, Superintendent of Streets, from January 1, 1893, to January 1, 1894, and find the same correct.

GEORGE W. BECKWITH,	} Auditors.
C. F. GROVER,	
S. R. WAGER,	

Besides the expenses shown thus far in my report of Street and Sewer Departments, the City Treasurer has paid certain bills, which appear in the following statement. This statement shows the actual condition of these departments, excepting that the balance to the credit of the Street Department will be increased by good accounts of individuals and by stock on hand to the amount of about \$1000.

In the Sewer Department, the value of tile and stock on hand amounts to \$1,082 85, so that the overdraft is more than balanced.

## SEWER DEPARTMENT.

## RECEIPTS.

Appropriation -----	\$ 2,200 00
Collections, sewer assessments-----	2,779 15
Collections, H. Stevens, Superintendent	494 72
Overdraft to balance-----	502 93
	<hr/> \$5,976 80

## DISBURSEMENTS.

Overdraft, January 1, 1893-----	\$ 915 18
Paid H. W. Hall-----	36 50
Paid G. W. Beckwith -----	36 00
Paid H. Stevens, Superintendent-----	4,989 12
	<hr/> \$ 5,976 80

## STREET DEPARTMENT.

## RECEIPTS.

Balance January 1, 1893-----	\$ 1,570 20
Special appropriation-----	1,600 00
Collections, highway tax-----	22,340 58

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Collections, sidewalk and curbing as-

sessments ----- 3,524 49

Collections, H. Stevens, Superintendent 6,787 72

State highway tax, reapportionment--- 322 65

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\$36,145 64

## DISBURSEMENTS.

Paid H. Stevens, Superintendent-----\$36,064 49

Balance ----- 81 15

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\$36,145 64

Table showing Size, Material and Cost of seven Sewers constructed in 1893.

Sewers.	Size	Shape.	Material	Length.	Assessed City.	Assessed Property.	Total Cost.
Church street-----	8 inch.	Circular.	Akron tile	281.25 ft.	\$ 96	\$ 189 37	\$ 190 33
Decatur street-----	10 "	"	"	466 5 "	7 82	329 59	337 41
Intervale avenue-----	12 "	"	"	112 3 "	77 99	780 57	858 56
Main street-----	10 "	"	"	300 5 "	205 61	140 65	346 26
Peru street-----	8 "	"	"	164.0 "	2 21	82 74	84 95
Prospect street-----	8 "	"	"	912 0 "	359 24	497 00	856 24
Wimoski avenue-----	10 "	"	"	285.5 "	148 83	145 45	294 28
Totals-----				3,534 75 ft	\$802 66	\$2,165 37	\$2,968 03



Church street sewer extends from a man-hole previously constructed in Adams street, northwardly through Church street 13.25 feet to a lamp-hole; thence northwardly 137.17 feet to a man-hole; thence deflecting to the east 13 deg. 50 min., 130.83 feet to a lamp-hole, the entire length being 281.25 feet.

Decatur street sewer extends from a man-hole this year constructed in Intervale avenue eastwardly 466.5 feet to a lamp-hole in the center line of Decatur street.

Intervale avenue sewer extends from a man-hole previously constructed in North street at the intersection of North street and Elmwood avenue northwardly 651 feet to a man-hole at Spring street; thence northwardly in the center line of Intervale avenue 472 feet to a man hole at Decatur street. The total length being 1123 feet.

Main street sewer extends from a man-hole, previously constructed in St. Paul street, 30 feet north of the south line of Main street, eastwardly 300.5 feet to a man-hole 30 feet north of the south line of Main street.

Peru street sewer extends from a lamp-hole previously constructed in Peru street, eastwardly 164 feet to a lamp-hole.

Prospect street sewer extends from a man-hole this year constructed in the center line of Pearl street, (replacing a previously constructed lamp-hole), southeastwardly 51 feet to a lamp-hole; thence southwardly 505 feet to a man-hole; thence deflecting 2 deg. 48 min. to the west, 356 feet to a lamp-hole, the total length being 912 feet.

Winooski avenue sewer extends from a man-hole previously constructed in Main street northwardly 285.5 feet to a lamp-hole in the center line of Winooski avenue.

A general care of the sewers previously constructed has

been exercised, and its expense charged to the account of general repairs, sewers.

There have been constructed during the year six corner and two side basins, the position being shown in the previous portion of this report.

In the Street Department, mention will be made of only those expenses, that have been of comparatively large amount, as a general supervision has been extended to all of the streets in the city.

Considerable expense was incurred in cleaning streets, chiefly in the business portion of the city, and in keeping crossings in a passable condition.

The expense incurred on Colchester avenue, Chase and Barrett streets was due to bringing the streets to a grade that would enable the Electric railroad to use this route. Before doing this, a change of grade was adopted on Colchester avenue. Although so much work would probably not have been done this year on the above mentioned streets, yet the general public are greatly benefitted by this much needed improvement.

After constructing the sewer in Intervale avenue, the road-bed from North to Decatur street was dressed with material removed from St. Paul street.

The principal work on Main street was bringing the street to grade between Lake and Battery streets and repairing the surface water drain leading from the basin at the corner of Main and Lake streets to the lake.

Maple street was curbed and the gutters paved from Church to Battery street on both sides, and the sidewalk was concreted five feet in width on both sides from St. Paul to Battery street and on the south side from Church to St. Paul

street. The road-bed was macadamized from St. Paul to Champlain street.

North street was curbed, the gutters paved and the sidewalk concreted five feet in width on both sides from Elmwood avenue to Winooski avenue. In doing this, the street was brought to grade, causing quite an expense, as the road-bed and sidewalks were cut down on the average about one foot.

St. Paul street was curbed and the gutters paved on both sides from King to Maple street and the sidewalk was concreted five feet in width the same distance on the west side. Also the road-bed was macadamized from King to Maple street.

School street was brought towards grade and the main expense was due to the large fill that was made.

Shelburne street was turnpiked from Park avenue to Potash brook. A grade was adopted from Willard street to Park avenue, none having been previously established. But the bringing the street towards grade, the extension of a culvert and the making of an extensive fill, in order to give more width to the road-bed, was the occasion of the large expense charged to Shelburne street.

Union street was curbed and the gutters paved on both sides from Buell street, northwardly a distance of 279 feet. From this point to Pearl street similar work was done the previous year. This, with the basin constructed this year at the corner of Buell street, was a much needed improvement and obviates the damage previously incurred by surface water on this portion of the street. A change of grade was adopted on Union street between College and Pearl streets, and on Buell street, from Union street eastwardly a distance of 632 feet. In bringing these streets towards this grade, a large amount of money was expended, but the public probably appreciate the

results obtained. The greater part of the expense charged to Union street was for carrying out this work.

Summit street was curbed and the gutters paved on the east side, from Maple to Main street, the same improvement for the same distance on the west side having been completed the previous year.

Extensive repairs were made on Winooski bridge, consisting of planking the roadway with two layers of three-inch pine plank, the planks being laid diagonally on the main driveway.

The steam road roller purchased this year has given entire satisfaction, and is a great stride towards the permanent improvement of our road beds. On every occasion of its use, the roller proves itself to be a practical and advantageous road implement.

Hickok Place was extended from its present terminus easterly 151 feet, and two new streets have been added to the city's list of streets during the past year, viz: Greene street, running from Loomis street southerly to Hickok place, extended, and Orchard Terrace, running from Pearl street southerly a distance of 675 feet. The new streets and the extension of Hickok place were brought to grade and sewers constructed in each of them, at the expense of the property owners. Their dedication was accepted by the City Council upon the recommendation of the Street Commissioners.

Church street road-bed was concreted from College to Bank street.

In the City Team Department a saving of \$449.78 has been made, as is shown by this report, in owning and using its horses, carts and tools.

Ten street crossings have been laid during the year, as follows :

## STONE CROSSINGS.

One across Colchester avenue, at Mary Fletcher Hospital.

One across Main street, at St. Paul street, east side.

One across Pearl street, at Union street, east side.

One across Union street, at Bay View street, north side.

## CONCRETE CROSSINGS.

One across Center street, at Bank street.

One across Main street, at Church street, west side.

One across Main street, at Church street, east side.

One across Maple street, at Champlain street, east side.

One across Union street, at Maple street, north side.

One across Union street, at Maple street, south side.

The following is a list of the tools and stock including a span of horses, a wagon, a pair of sleds, a set of double harnesses and the steam road roller purchased during last year.

## AT THE CITY BARN.

Nine horses, 3 double wagons, 1 single wagon, 1 express wagon, 5 two-wheel dump carts, 1 single sleigh, 1 pair traverse sleighs, 2 pairs two-horse sleds, 8 snow plows, 1 patent snow plow, 8 snow plow whiffletrees, 2 pairs eveners and whiffletrees, 6 neck yokes, 2 sets double harnesses, 4 cart harnesses, 2 single harnesses, 5 street blankets, 9 stable blankets, 9 summer blankets, 9 surcingles, 9 halters, 3 currycombs, 3 brushes, 2 pails, 1 pair clippers, 1 pair shears, 2 wagon jacks, 2 buffalo robes, 1 rubber blanket, 6 sets rope tugs, 4 sets of hames and tugs, 1 hay cutter, 3 hay forks, 2 manure forks, 3 tons of rye straw, 150 bushels of oats, 500 pounds No. 1 feed, and 1 ton of hay.

## AT CITY MARKET. (STREET DEPARTMENT.)

One steam road roller, 1 heavy horse road roller, 1 road



machine, 2 two-wheel scrapers, 1 steel scraper, 1 pole scraper, 3 plows, 1 Bagnal & Land diaphragm pump, 2 galvanized iron pumps, 1 grindstone, 1 work bench and vise, 1 iron vise, 1 set of chisels, 4 hand saws, 1 crosscut saw, 2 short crosscut saws, 1 limb cutter, 1 pair spurs, 3 dozen picks, 16 grub hoes, 4 axes, 4 trowels, 5 monkey wrenches, 3 iron wrenches, 4 hydrant wrenches, 1 marking stamp (iron), 5 scoop shovels, 4 short-handle shovels, 5 long-handle shovels, 3 long-handle spades, 20 street hoes, 6 street brooms, 4 paving hammers, 4 stone hammers, 10 breaking hammers, 1 sledge hammer, 1 adze, 9 iron bars, 1 tamping bar, 100 ft. 3-4 in. rubber hose, 2 sewer rods, 4 well ropes, 1 pair hand trucks, 6 wheelbarrows, 1 wagon platform (for sewer pipe), 3 straight edges, 3 sprinkling pots, 4 street guards, 3 sets pulley blocks, ropes, etc., 1 set chain blocks, 4 tin dippers, 2 sand screws, 1 stone-boat, 1 wagon, 1 wagon shoe, 4 small iron clamps, 2 hay scythes and snaths, 2 bush scythes and snaths, 2 planes, 3 nail hammers, 2 hatchets, 1 screwdriver, 1 drawshave, 2 saw sets, 1 belt punch, 2 mallets, 6 axe handles, 12 hammer handles, 1 key-hole saw, 2 augers, 4 sponges, 4 levels, 3 water pails, 6 paint brushes, 12 snow shovels, 4 chains, 5 iron rakes, 1 extension ladder, 3 short ladders, 1 stepladder, 3 dozen lanterns, 1 pair pliers, 1 pair of snips, 1 try square, 4 pitching tools, 6 chisels, 50 pound of nails, 2 dozen files, 2 gallons of paint, 1 gallon of linseed oil, 1 gallon of neatsfoot oil, 2 tons of coal, 1 barrel of cement, 500 feet of stake lumber, 700 feet of pine lumber, 200 feet of hard wood lumber, 5 dozen bolts, 1 new cart axle, 120 tons of paving stone, 450 feet of flagging, 2 plain corners, and 200 feet of crosswalk.

## AT THE CRUSHER.

One Blake crusher, 1 McAmes portable boiler and en-



gine, 1 steam drill and 25 drills, 35 feet of hand drills, 7 plug drills, 5 sledge hammers, 3 striking hammers, 1 pipe cutter, plate and 3 dies, 1-2, 3-4 and 1 in., 1 blacksmith hammer, 1 forge, 1 anvil, 1 anvil stake, 3 hand hammers, 7 pairs of tongs, 200 feet of 1-inch steam pipe, 450 feet of 1-2 inch steam pipe, 3 five-gal. oil cans, 1 two-gal. oil can, 3 oilers, 1 broom, 1 axe, 1 handsaw, 1 bit stock, 3 bits, 1 nail hammer, 1 water pail, 4 leather belts, (109 feet), 2 monkey wrenches, 2 pipe wrenches, 6 shovels, 60 tons of crushed stone, 1 ton of coal.

#### OFFICE FURNITURE AND FIXTURES.

Superintendent's office: 1 stove, 1 safe, 1 desk, 2 tables, 1 city map, 4 chairs, 1 waste basket, 3 spittoons, 1 broom, 1 water tank, stationery, ink, etc.

City Engineer's office: 1 stove, 2 tables, 1 drawing table, 1 desk, 4 chairs, 2 sets of chests and drawers, 2 spittoons, 1 waste basket, 1 pair shears, stationery, ink, etc.

#### AT CITY MARKET, (SEWER DEPARTMENT.)

Sewer pipe: 564 feet 15-in., 1812 feet 12-in., 1148 feet 5-in., 12 feet 24-in.; Y's: 23, 15-in., 45, 12-in., 6, 10-in., 5, 6-in.; T's: 3, 10-in., 10, 6-in., 20, 5-in.; traps: 3, 12-inch, 7, 10-in., 7, 8-in., 4, 6-in., 7, 5-in.; bends: 20, 8-in.; curves: 70, 6-in., 220, 5-in.; 2 man-hole tops, 3 lamp-hole tops, 2, 2 feet by 3 feet grates, 1, 2-feet by 2 1-2 feet grate, and 2, 2 feet by 2 feet grates.

The following table shows the amount of curbing, paving gutters and concrete walk built during the year 1893:

Streets.	Curbing.	Paving.	Concrete.
Bank street.....	ft.	ft.	709.65 ft.
Champlain street.....	214.5 "	214.5 "	102.8 "
Cherry street.....	161.66 "	161.66 "	156 "
Church street.....			77 "
Elmwood avenue.....	44 "	44 "	
Grant street.....			250.6 "
Interval avenue.....	144.75 "	144.75 "	148.5 "
Loomis street.....	25.58 "		156 "
Lafayette place.....			106 "
Maple street.....	2,826.08 "	2,826.08 "	2,423.5 "
North street.....	1,087.85 "	1,087.85 "	1,004.33 "
Pine street.....	242.25 "	242.25 "	259 "
St. Paul street.....	566.5 "	566.5 "	316 "
Summit street.....	811.58 "	811.58 "	
Union street.....	578.42 "	578.42 "	108 "
University place.....	292.17 "		
Winooski avenue.....	41.82 "	17.2 "	458.9 "
Totals.....	7,037.16 ft.	6,694.79 ft.	6,282.28 ft.

The following table shows the amount of concrete laid in the city during the past year :

Where Laid.	Amount.
Bank street sidewalk.....	787.3 Square yards.
Champlain street sidewalk.....	36 " "
Cherry street sidewalk.....	119 " "
Church street sidewalk.....	110.6 " "
Grant street sidewalk.....	157.14 " "
Interval avenue sidewalk.....	121.14 " "
Lafayette place sidewalk.....	94.5 " "
Loomis street sidewalk.....	84.61 " "
Maple street sidewalk.....	1,566.18 " "
North street sidewalk.....	748.41 " "
Pine street sidewalk.....	162 " "
St. Paul street sidewalk.....	249.58 " "
Union street sidewalk.....	63.29 " "
Winooski avenue sidewalk.....	310.36 " "
City Hall Park walks.....	761.5 " "
Church street road-bed.....	1,555.66 " "
Church Street repairing work of 1892.....	150.94 " "
Six street crossings.....	183.31 " "
Private work.....	1,661.66 " "
Total.....	8,923.18 Square yards.

Respectfully submitted,  
**HERALD STEVENS,**  
 Superintendent of Streets.

REPORT  
OF THE  
CITY ENGINEER.

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*To the City Council of the City of Burlington :*

GENTLEMEN: The annual report of the City Engineer for the year 1893 is respectively submitted herewith :

The usual work of giving the lines and grade for the following street improvements have been done in accordance with the records and plans of the city: Curbing and concrete walks on Maple, St. Paul, Champlain, Pine, North, Cherry and Union streets and Interval avenue ; curbing on Elmwood and Winooski avenues, University Place, Maple, St. Paul, Summit and Union streets ; and for concrete walks on Winooski avenue, Lafayette Place, Bank, Church, Grant and Loomis streets ; also for the concrete paving on Church street.

The work has all been measured and a record of the same kept.

The above includes what is considered as permanent improvements, but represents only a part of the work done by this department for much time has been taken in giving lines and elevations for the grading of other streets which have been brought approximately to grade, but left with only an earth roadbed. Much of this work was occasioned by the extension and improvement of the street railroad.

The lines, grades and elevations required in the construction of the sewer in Winooski avenue were given according to

the plans adopted by the city. The sewer in Main street was laid on the south side of the street, thereby decreasing the cost of connections, as no connections were required on the Park side. The sewer in Interval avenue was changed so that it now empties into North street sewer instead of Spring street as the plan called for. By this change Interval avenue and Decatur street were sewered without waiting for the long line of main sewer that must be built before the original plan could be carried out. The grades of the sewers in the new streets, Hickok extension, Orchard Terrace, Peru and Greene streets, were in a measure determined by the sewers into which they emptied.

Parties wishing to build or improve their grounds have been given the grades and the street lines, as indicated by monuments or the records of original surveys.

In compliance with the State law relative to highways, all the roads and streets within the city limits were carefully measured, which resulted in finding the total mileage to be fifty-four, a decrease of three and four hundred and eighty-six one-thousandths from that given in previous reports.

In regard to prospective work on the sewers, I would respectfully call attention to the lower part of the city. Owing to the increasing number of street basins and house connections, the sewers in King and Maple streets west of Champlain street are not large enough to take the storm flow. Notwithstanding the fact that the past season has been unusually free from severe storms, yet several applications have been made to the city for damage occasioned by the sewage settling back in the connections, thereby causing much trouble and annoyance, to say nothing of the damage to property and danger to health. This trouble could be remedied by extending the sewer in Champlain from Maple street south and connecting with the trunk sewer.

Battery street sewer should also receive attention. Not only should the obstruction in the lower portion of the sewer be in some way removed, but a storm overflow should be provided at either College or Maple street.

There are now in the sewer system, as far as constructed, about thirty sections where frequent flushing is essential to the satisfactory working of the several sewers. I would again recommend that these sections be connected directly with the water mains. With such an arrangement the sewers could be thoroughly flushed at any season of the year by simply opening a gate in the connecting pipe, thereby saving much time and expense.

Within the past few years several hundred acres, lying south of Kilburn street and west of St. Paul and Shelburn streets, have been laid out into city lots and placed on the market. Although some portions have already been built up, yet there has never been any plan provided for sewerage this section. During the past season an application was made for a plan for certain streets in this section, but I withheld any recommendation, because I believe it is very important that the entire section should be considered before any work of construction is begun. It is evident that a large part must be provided for by a system separate from the present one, while a portion may be connected with the trunk sewer, which is already built. But to determine just how far south it would be expedient to carry the present system, and consequently the size of pipes and grades, is a question that will require considerable work and careful consideration. I would, therefore, recommend that the city take measures to provide a system for this section, so that sewers which must necessarily be built first will not only provide for the present, but will also be adequate for the future extensions. It is far easier to lay out



a new system correctly, than to revise and patch up a poorly constructed one.

During the past season another block of concrete paving has been added to that laid last year. This paving furnishes a very neat, clean roadway, when properly cared for. It should not, however, be sprinkled as the macadamized streets are, but should be kept clean by daily sweeping. The continued use of water is not only injurious to the concrete, but keeps the road-bed covered with an objectionable coating of mud. The money that is now paid for sprinkling would more than pay for sweeping the street each morning.

And in this connection I would say that I believe the public would be better served if the street sprinkling were done under the supervision of the Street Commissioners, the work being done by contract and paid for by assessments on property abutting the streets sprinkled, which streets would be determined by petition, as in the case of other street improvements.

The following is a tabular statement of work done on the streets and sewers, and is based on previous reports of the City Engineer :

	1893.	Total.
	Feet.	Miles.
Length of roads opened in city limits-----	1,463	54.277
Length of macadamized and paved roads---	1,180	10.174
Length of graveled roads -----		12.189
Length of sidewalk curbed and flagged----		8.628
Length of sidewalk curbed and concreted--	4,328.2	
Length of sidewalk concreted (previously curbed)-----	1,534.2	3.951
Length of sidewalk curbed only-----	2,709	5.642
Length of sidewalk concreted only-----	420	.868



	1893.	Total.
Number of stone crossings-----	4	173
Number of concrete crossings -----	6	29
Number of street basins -----	8	141
Number of sewer connections-----	96	
Number of sewer connections (since 1887)---		475
Length of sewers built in 1893 :—	Feet.	
8-inch vitrified pipe-----	1,258	
10-inch vitrified pipe-----	1,302.5	
12-inch vitrified pipe-----	1,123	
	-----	3,683.5
Sewer relaid, 1893 :—		Feet.
10-inch vitrified pipe in St. Paul street-----		55

### TOTAL LENGTH OF SEWERS.

Size.	Cement Pipe.	Brick.	Vitrified Pipe.	Stone.	Totals.
8 inch.	365 ft.	----	2,275.3 ft.	----	2,640.3 ft.
10 “	-----	----	4,352.3 “	----	4,352.3 “
12 “	9,680 “	-----	41,062.2 “	----	50,742.2 “
15 “	-----	976 ft.	3,765.5 “	----	4,741.5 “
18 “	3,436.5 “	1,788.2 “	4,243.5 “	----	9,468.2 “
20 “	-----	-----	202.5 “	----	202.5 “
24 “	360 “	1,748 “	1,207.5 “	----	3,315.5 “
30 “	-----	2,602 “	-----	----	2,602 “
36 “	-----	5,079.9 “	-----	----	5,079.9 “
48 “	-----	1,047.5 “	-----	----	1,047.5 “
36-48 “	-----	-----	-----	1,600 ft.	1,600 “
60 “	-----	125 “	-----	-----	125 “
72 “	-----	600 “	-----	-----	600 “
Totals-	13,841.5 ft.	13,966.6 ft.	57,108.8 ft.	1,600 ft.	86,516.9 ft.

Equal to 16.404 miles.

Respectfully submitted,

H. M. McINTOSH,

City Engineer.

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TWENTY-EIGHTH ANNUAL REPORT  
OF THE  
CHIEF ENGINEER  
OF THE  
FIRE DEPARTMENT.

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*To the City Council of the City of Burlington.*

GENTLEMEN : In accordance with my duty, I herewith present you the 28th annual report of the Fire Department, for the year ending December 31, 1893.

The Department at the present time consists of 6 Engine and Hose companies, and 1 Hook and Ladder company, and comprises two hundred and forty three (243) volunteer firemen. We have seven thousand (7000) feet of good hose and about two thousand (2000) feet of hose in poor condition.

The department is in excellent condition, the companies all being well uniformed, and all with good quarters, excepting the Boxer Engine Company and the Hook and Ladder Company.

The Howard Hose Company took possession of their new building in May last, and are finely quartered.

An addition to the house of the A. C. Spear Engine Company is now in process of erection, and when completed will give them and the steamer fine quarters.

The total number of fires for the year was twenty-one (21), with a loss of \$96,854.32.

The department was called out of town but once during the past year, that being on November 5, when we were telephoned from Essex Junction, at 3 A. M., for help. We responded with steamer and carts, but happily our services were not needed.

#### FIRE ALARM.

Our Fire Alarm during the past season has been thoroughly inspected, and is now in excellent condition. Two new alarm boxes have been added; the alarm bell has been transferred from the tower of the Unitarian Church to that of St. Joseph's Church, and the system divided into three circuits.

#### RECOMMENDATIONS.

I would recommend to your Honorable Board, that fire alarm boxes be placed at Scarff's Addition, on the corner of Battery and Main streets, and on Colchester avenue near the Mary Fletcher Hospital.

The enlarging of the Fletcher Library building, so that it could be used for the Boxer Engine Company and the Hook and Ladder Company, with meeting rooms on first floor, and, if possible, a firemen's hall on third floor.

The placing an alarm bell in Ward 1, as it is impossible for firemen in that section to hear the present alarm; and that the city should, in the future, furnish uniforms for firemen, when in need of them. Our citizens object to subscription lists being passed so often for that purpose, and I think it would meet with their approval.

The salaries of the Chief Engineer and assistants are very small, and I should recommend that the salary of the Chief Engineer be at least three hundred dollars, (\$300), and that of the assistants fifty dollars (\$50) each.

## REMARKS.

The free use of our streets by the wires of different corporations will, in case of a fire in the business portion of the city, prove a serious hindrance to the prompt action of our firemen, and is a matter worthy of your serious consideration.

The burning of the building occupied by the Home for Destitute Children, and the factory of the Burlington Sign Company, show plainly the need of an immediate extension of our water service to those sections.

Our Fire Wardens have done very efficient work the past year, and I hope that they will be given more authority, so that their work may be more effective.

Appended to this report you will find the rolls of the several companies and their inventories ; also the record of all fires, causes, and the losses and insurance paid.

In concluding, I wish to thank your Honorable Board, the City Clerk and Treasurer, Superintendents Stevens and Crandall, the Assistant Engineers, the members of the Fire Department, and all others who have aided me in the discharge of my duties.

Respectfully submitted,

W. E. MORSE,

Chief Engineer.

## COMPANY STATISTICS.

### HOOK AND LADDER COMPANY, No. 1.

Foreman, T. P. DONAHUE.

1st Assistant, A. J. BUHL.	Sec., J. H. FITZSIMMONS.
2d Assistant, F. F. MILLER.	Treas., P. H. FITZSIMMONS.
3d Assistant, A. H. HAZEN.	

#### ROLL FOR 1893.

Brown, M.	Fitzsimmons, J. H.	Mead, L. D.
Buhl, A. J.	Fitzsimmons, P. H.	Miller, F. F.
Butler, T.	Fitzsimmons, T. E.	Monta, J.
Butler, M.	Garvey, M.	Morrison, A.
Couture, A.	Haley, D.	Polworth, J.
Daley, J. W.	Haley, E.	Quinn, Wm.
Denning, J. S.	Hazen, A.	Smullins, E.
Denning, Wm.	McCarty, J.	Sutton, E. M.
Donahue, T. P.	Martin, A.	Welch, T.
Fassett, F.		

#### CITY PROPERTY IN CHARGE OF HOOK AND LADDER COMPANY

NO. 1, JANUARY 1st, 1894.

One Hook and Ladder truck, 2 iron bars, 2 forks, 3 roof chains, 2 guy ropes, 1 hammer, 1 wrench, 1 iron jack, 1 hook with chain and rope, 1 hook with chain and rope, 275 feet rope, 6 lanterns, 16 rubber coats, 4 axes, 5 rubber caps, 1 65-foot Bangor extension ladder, 1 58-foot splice ladder, 1 12-foot ladder, 1 38-foot ladder, 7 roof ladders, 5 short ladders, 2 30-foot McClaren ladders, 10 pikes, 8 braces, 50 feet garden hose, 1 indicator, 1 coal stove and pipe,  $\frac{7}{8}$  ton coal, 1 dust pan, 1

small oil can, 1 large oil can, 1 table, 1 map, 1 coal shovel, 1 duster, 1 sprinkler, 1 chamois skin, 1 extra tongue, 1 plaster hook, 1 tin roof cutter, 2 pair insulated wire cutters, 1 extra set of whiffletrees, 1 single whiffletree, 1 set double harness, 1 coal hod.

In meeting rooom, 46 common chairs, 6 arm chairs, 2 desks, 1 table, 14 cuspidores, 1 broom, 2 tin pails, 1 snow shovel, 1 duster, 1 wardrobe, 3 side lamps, one head lamp.

### STAR HOSE COMPANY NO. 2.

Foreman, G. C. BREW.

1st Assistant, WM. RILEY.

Secretary, C. H. LANE.

2nd Asssitant, A. W. CARRINGTON. Treas., A. H. DUHAMEL.

Auditor, C. H. COTA.

#### ROLL FOR 1893.

Brady, T. E.	Dougherty, F. A.	Lapoint, T.
Brew, E.	Drovilette, George	Laury, N.
Brew, H.	Duhamel, A. H.	Lee, H. H.
Brew, G. C.	Failey, Norman	Mongeon, G. J.
Briggs, A. W.	Grant, L. C.	Pine, L.
Campbell, J. M.	Greene, G. W.	Proulx, F.
Carrington, A. W.	Hayes, Wm.	Riley, Wm.
Cota, C. H.	Hewitt, Wm.	Ryan, J. H.
Crossman, F. C.	Ladam, O.	Stockwell, C. D.
Davis, F. L.	Lane, C. H.	Taylor, S.
Delaney, T. A.	Lane, G. W.	

CITY PROPERTY IN CHARGE OF STAR HOSE COMPANY, NO. 2,  
JANUARY 1, 1894.

One hose cart, 1 traverse sleigh, 1000 feet rubber-lined hose, 1 indicator, 1 iron bar, 1 dust pan, 1 service pipe, 1 practice pipe, 1 water pail, 6 cuspidores, 6 pairs rubber mittens, 6 rubber caps, 1 coal hod, 1 hydrant wrench, 5 rubber



coats, 1 wrench, 6 spanners, 3 ladder straps, 1 8-foot step ladder, 1 hose patch, 2 tables, 1 coal shovel, 1 small oil can, 1 perfection nozzle, 2 desk lamps, 8 bracket lamps, 6 common chairs, 3 settees, 1 coal stove, 1 wood stove, 6 tons coal, 1 broom, 1 fire shovel, 1 snow shovel, 1 large oil can, 65 feet  $\frac{1}{2}$ -inch rope and hooks, 50 feet garden hose.

### BOXER ENGINE COMPANY, NO. 3.

Foreman, A. ARCAND.

1st Assistant, P. MILLER, JR. Clerk, C. F. ROBY.

2nd Assistant, J. SULLIVAN. Treasurer, Geo. G. MUNSON.

Auditor, L. PRATT.

ROLL FOR 1893.

Arcand, A.	Kennedy, J. H.	Roby, C. F.
Bacon, E.	Lucia, Moses	Ritchie, Ed.
Bennoit, M.	McCuen, Frank	Riley, E.
Bettis, C. A.	McGowan, E.	Robear, J.
Bettis, W. H.	McGowan, Jos.	Savage, Jos.
Bixby, A.	Martell, F.	Seymour, Carl
Booth, C.	Mercier, E.	Shambo, Wm.
Croto, Jos.	Mercier, N.	Sullivan, J.
Daniels, A. J.	Miller, P. Jr.	Titze, A.
Delonchampe, Jos.	Mitchell, D.	Tyler, Geo. O.
Gokey, W.	Mitchell, J.	Valiquette, F.
Hamburgh, Wm.	Munson, Geo. G.	Winkle, Geo.
Hughes, Chas.	Munson, S. F.	Walker, Fred
Jandro, John	Pratt, L.	

CITY PROPERTY IN CHARGE OF BOXER ENGINE COMPANY NO.

3, JANUARY, 1, 1894.

One hand engine, fully equipped; 2 hose carts, 1 indicator, 1 fire extinguisher, 600 feet good hose, 550 feet hose in poor condition, 2 play pipes for carts, 1 patent holder, 10

spanners, 2 hydrant wrenches, 1 hammer, 2 files, 4 wrenches, 1 screw driver, 5 lanterns, 4 butt straps, 3 ladder straps, 2 hose patches, 1 sprinkler, 1 duster, 1 broom, 2 oil cans, 1 chamois skin, 2 sponges, 5 good rubber coats, 4 poor rubber coats, 9 pair good rubber mittens, three pair good yarn mittens, 18 spittoons, 1 mop, 1 wagon jack, 1 carpet sweeper, 6 office chairs, 28 common chairs, 1 table, 1 stove and pipe, 1 oil cloth.

### ETHAN ALLEN ENGINE COMPANY, NO. 4.

Captain, F. E. PERKINS.

1st Assistant, F. H. WELLS. Treasurer, C. E. KINSMAN.

2nd Ass't, G. L. LAFOUNTAIN. President, D. J. FOSTER.

Secretary, Geo. E. JOHNSON. Vice-Pres., W. H. LANE, JR

#### AUDITORS.

H. L. WARD, C. C. MILLER, F. D. ABERNETHY.

#### ROLL FOR 1893.

Abernethy, F. D.	Holden, G. H.	Palmer, C. R.
Ashley, Geo. E.	Isham, W. C.	Perkins, F. E.
Beeman, B. B.	Isham, F. A.	Powers, C. H.
Bell, Geo. F.	Isham, A. S.	Roberts, R.
Berry, M. C.	Johnson, Geo. E.	Shanley, H. J.
Boynton, F. B.	Johnson, S. M.	Stiles, Geo. Q. Jr.
Bradish, F. F.	Kelley, J. A.	Storrs, O. S.
Brown, Frank	Kinsman, C. E.	Sullivan, J. W.
Burgess, E. H.	LaFountain, G. L.	Swift, H. D.
Burgess, F. E.	LaFountain, E. A.	Taft, F. L.
Clarkson, E. E.	Lambkin, B. M.	Tyndall, C. A.
Cobb, F. P.	Lambkin, E. R.	Walker, Soloman
Cook, J. E.	Lane, W. H. Jr.	Walker, A. L.
Cushman, J. E.	Lord, G. M.	Walker, C. E.

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Faulkner, W. M.	Lyman, Elias	Ward, C. F.
Fisher, F. H.	McMahon, M. D.	Ward, H. L.
Flynn, J. J.	Miller, F. H.	Weller, W. E.
Foster, D. J.	Miller, C. C.	Wellman, J. A.
Gates, W. B.	Morse, W. E.	Wells, F. H.
Hall, W. P.	Moody, Geo. F.	White, F. G.
Hill, A. W.	Murray, Moses	Whitney, G. W.

CITY PROPERTY IN CHARGE OF ETHAN ALLEN ENGINE COMPANY NO. 4, JANUARY 1, 1894.

One indicator, 1 hand engine, 2 hose carts, 1 hose sled, 1000 feet good hose, 200 feet poor hose, 100 feet old garden hose, 1 deluge set, 1 perfection nozzle, 2 old play pipes, 5 hose patches, 6 reducers, 17 spanners, 11 rubber coats, 8 pair rubber mittens, 4 rubber caps, 2 pair yarn mittens, 2 butt straps, 5 ladder straps, 4 hydrant wrenches, 2 monkey wrenches, 11 old nozzles, 3 fire extinguishers, 6 fire extinguisher charges, 1 hammer, 3 brooms, 1 wagon jack, 2 window cleaners, 2 dust pans, 2 mops, 65 feet  $\frac{1}{2}$ -inch rope, 2 pails, 1 snow shovel, 1 ice chisel, 2 sponges, 2 dusters, 6 cuspidores, 1 counter brush, 1 chamois skin, 2 coal hods, 1 coal shovel, 1 lantern, 1 window brush, 1 screw driver, 50 lbs. waste, 1 door mat, 2 whiffietrees, 2 packages soap, 1 step ladder, 1 box polish, 1 ring expander,  $\frac{1}{2}$  gallon oil, 3 oil cans, 1 vise, 1 mallet.

HOWARD HOSE COMPANY, No. 5.

Foreman, J. H. CARLIN.

1st Assistant, P. J. RUSSELL.      Treas., T. B. COFFEY.

2d Assistant, EDW. A. BATTISE.      Sec., GEO. P. COFFEY.

Auditor, F. L. MUNSON.

ROLL FOR 1893.

Battise, Edward A.	Fagga, Wm.	Ploof, Jos.
Brock, Nelson	Estes, Wm.	Rafferty, M.

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Brown, Henry	Larose, Fred	Russell, J.
Carlin, James	McGrath, J. P.	Russell, P.
Coffey, Geo. E.	McGrath, Wm.	Russell, M.
Coffey, T. B.	Martin, A.	Ryan, Wm.
Cosgrove, James	Norton, John	Ryan, James
Cosgrove, Hugh	Perrault, F.	White, A.

CITY PROPERTY IN CHARGE OF HOWARD HOSE COMPANY,  
NO. 5, JANUARY 1, 1894.

One carpet, 40 chairs, 1 desk, 3 hanging lamps, 2 stoves, 1 fire shovel, 1 coal hod, 1 service cart, 2 regular pipes, 2 service pipes, 1 perfection nozzle, 1 axe, 1 hydrant wrench, 1 monkey wrench, 1 hammer, 1100 feet good hose, 1 indicator, 1 fire extinguisher, 5 tons coal, 1-2 cord wood, 1 safety lamp, 2 lanterns, 100 feet garden hose, 1 snow shovel, 1 extension ladder, 2 oil cans, 5 good rubber coats, 3 poor rubber coats, 5 pairs rubber mittens, 5 spanners, 5 ladder straps, 1 sponge, 2 pails, 1 mop, 1 broom, 2 scrub brushes, 8 rubber caps, 1 whiffletree, 3 cuspidores.

BARNES HOSE COMPANY, NO. 7.

Foreman, M. M. HEFFRON.

1st Assistant, M. CUMMINGS. Clerk, P. J. McGRATH.

2d Assistant, M. McGRATH. Treas., H. W. O'CONNOR.

Auditor, G. L. NEAL. Trustee of Belt, A. CROSBY.

ROLL FOR 1893.

Brew, E. C.	Heffron, M. M.	Moran, J.
Croto, A.	Keefe, M.	Morris, P.
Cummings, M.	Kennedy, P.	Murphy, W. J.
Curley, P.	Laro, F.	Neal, G. L.
Delaney, J.	Lynch, B.	O'Connor, H. W.
Donlin, J.	Lynch, M.	Smith, J.

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Dooley, T. E.	McGrath, P. J.	Smith, W. V.
Finneran, J. H.	McGrath, M.	Sullivan, D. G.
Griffin, J. S.	McKiernan, C.	Sullivan, P.
Grogan, M. J.	Maher, W. P.	Wall, M.

CITY PROPERTY IN CHARGE OF BARNES HOSE COMPANY, NO.  
7, JANUARY 1, 1894.

One hose cart, 1000 feet good hose, 100 feet poor hose, 2 stoves and pipe, 1 coal hod, 3 tons of coal, 1-2 load wood, 33 common chairs, 3 office chairs, 13 spittoons, 2 hanging lamps, 5 common lamps, 1 five-gallon oil can, 7 rubber coats, 6 rubber caps, 6 pairs rubber mittens, 4 ladder straps, 6 spanners, 1 perfection nozzle, 1 rubber pipe, 1 axe, 1 fire extinguisher, 1 brass cut off, 1 hydrant wrench, 100 feet of garden hose, 1 nozzle, 1 indicator, 1 mop, 1 broom, 1 snow shovel, 1 coal scoop, 1 wrench, 1 hammer, 1 screw driver, 1 wagon jack, 2 settees, 2 pails, 1 scrub brush, 1 window brush, 1 feather duster, 50 feet rope and hooks, 1 stepladder, 1 13-foot ladder.

A. C. SPEAR ENGINE COMPANY, No. 8.

Captain, JAMES E. BRADLEY.

1st Assistant, L. C. RYDER, 2d Assistant, O. CAMERON.

Secretary and Treasurer, A. P. BEERS.

Auditors, J. W. O'CONNOR, W. E. CARTY, J. P. CASEY.

ROLL FOR 1893.

Beers, A. P.	Collins, M.	Kirby, Eli
Bisson, E.	Cross, Frank	McCarty, L.
Botsford, A. K.	Dean, J. O.	O'Connors, J. W.
Bradley, J. E.	Donahue, M.	O'Connors, R.
Burke, H. G.	Flynn, W. H.	Provo, David
Cameron, O.	Henry, W. W.	Ryder, L. E.
Carty, Wm.	Jones, C. P.	Saunders, L. E.
Casey, J. P.	Killam, Chas.	Walker, Elmer
Collins, John	Killam, Fred	

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CITY PROPERTY IN CHARGE OF A. C. SPEAR ENGINE COMPANY, NO. 8, JANUARY 1, 1894.

One Button steam fire engine and attachments, 1 hose cart, 1350 feet rubber lined hose, 1 rubber lined play pipe, 1 perfection nozzle, 12 spanners, 4 ladder straps, 5 rubber coats, 5 lanterns, 1 hydrant wrench, 1 indicator, 2 wagon jacks, 1 five-gallon oil can, 2 coal stoves, 1-8 cord wood, 4 tons coal, 1 1-2 tons Cannel coal, 2 loads kindling wood, 1 mop, 2 chamois skins, 2 sponges, 1 coal hod, 4 settees, 30 chairs, 5 arm chairs, 2 tables, 6 cuspidores, 3 brooms, 1 six-pound sledge, 1 axe, 1 scoop shovel, 1 hand hammer, 100 feet garden hose, 4 pairs mittens, 2 reducers.

## CITY PROPERTY IN ENGINEER'S ROOM, ETHAN ALLEN BUILDING, JANUARY 1, 1894.

One office desk, 1 office chair, 18 common chairs, 1 picture, 4 cuspidores, 5 engineer's uniforms, 5 engineer's lanterns, 10 engineer's rubber coats, 6 extinguisher charges, 4 sponges, 3 packages electro polish, 2 expanding rings, 7 ladder straps, 2 butt straps, 12 spanners, 3 hose menders, 1 tubular lantern, 9 fire lanterns, 10 doz. rubber gaskets.

## CITY PROPERTY IN CLIPPER HOSE HOUSE, JANUARY, 1, 1894.

One hose cart, 550 feet hose, 1 pipe, 3-4 ton coal, 2 rubber coats, 2 spanners, 1 hydrant wrench, 1 coal stove.

## CITY PROPERTY AT SCARFF'S ADDITION, JANUARY 1, 1894.

One hose cart, 1 pipe, 2 spanners, 550 feet of hose, 1 hydrant wrench.



# FIRES, 1893.

DATE.	HOUR.	Box	LOCATION.	OWNER.	PROPERTY.	ORIGIN.	LOSS.	INSUR- ANCE.
Jan. 18.	8:15 P.M.	53	Pine st.	Gay & Henderson	Office.	Overheated stove.	\$ 2,500 00	800 00
Feb. 6	2:45 A.M.	27	Winooski ave.	H. D. Segel.	Dwelling.	"	2,000 00	1,920 00
" 6.	5:30 A.M.	27	"	T. Theime.	Dwelling.	Sparks.	100 00	95 00
" 15.	6:15 A.M.	25	"	E. N. Porter.	Block.	Overheated stove.	5,000 00	4,636 00
" 20	8:35 P.M.	35	South Battery.	J. Kelley.	Dwelling	Unknown.	No loss	None.
Mar. 4	12:45 A.M.	43	Rear of Church st.	S. Beach and others.	Storehouse and barns.	"	8,000 00	6,580 00
Apr. 11.	6:45 P.M.	45	Main st.	Champlain M'fg. Co.	Shop.	Fire room.	350 00	None.
May 1.	11:00 P.M.	43	Shelburne st.	Home for Dest. Children.	Orphan Asylum	Oily rags.	45,000 00	24,300 00
June 7.	5:45 P.M.	54	Pine st.	H. Hickok & Co.	Box factory.	Unknown.	10,000 00	5,000 00
" 20.	7:20 P.M.	45	College st.	S. & M. Lumber Co.	Shaving room.	Fire room.	25 32	25 32
July 18.	5:00 P.M.	25	Interval ave.	M. E. Rosenberg.	House.	Overheated stove.	165 00	165 00
" 19.	5:30 P.M.	27	Winooski ave.	F. Saltus.	House and store.	Unknown.	2,300 00	1,119 00
Aug. 27.	8:15 A.M.	43	Main st.	Crystal Confectionery Co.	Factory.	Hot Peanuts.	No loss.	None.
Oct. 3.	2:15 A.M.	43	College st.	C. P. Smith and others.	Store.	Unknown.	45,000 00	2,769 00
" 8.	1:20 P.M.	52	Maple st.	Spaulding, Kimball & Co	Dock	"	No loss.	No loss.
" 9.	10:00 A.M.	32	North ave.	F. M. Sarpley.	Barn.	"	100 00	75 00
" 16.	4:15 P.M.	26	Allen st.	A. B. Anthony.	House.	"	50 00	None.
" 31.	5:45 P.M.	54	Scarf's Addition.	Burlington Sign Co.	Factory.	"	17,264 00	17,264 00
Nov. 1.	2:15 P.M.	37	Crowley st.	Joseph Kmetz.	House.	"	No loss.	None.
Dec. 22.	9:30 P.M.	43	Champlain st.	M. Garvey.	Load of hay.	"	"	"
" 23.	8:40 P.M.	43	Mechanics st.	J. E. Burke.	Shop.	Electric light.	"	"
Total							\$ 96,854 32	\$ 64,748 32

FIFTH ANNUAL REPORT  
OF THE  
WATER COMMISSIONERS.

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*To the Honorable the Board of Aldermen, City of Burlington :*

GENTLEMEN: In compliance with City Ordinance the Water Commissioners respectfully submit the following, their report for the year ending December 31st, 1893.

OFFICE.

The work of collecting for the water department, which was during his term of office faithfully and efficiently performed by our able ex-treasurer in the City Treasurer's office, was at the commencement of the year turned over to this office.

The rooms fitted up for the department in 1891 with this change in view, have proved convenient and suitable for the purpose. The advantages of having easily accessible quarters, where, at any time during business hours, information can be obtained, urgent wants receive prompt attention, and all business with the water department be transacted, are, we think, generally appreciated.

WATER RATES.

We are glad to note that the recommendations of this board, that fire protection be assessed in proportion to the value of property protected rather, than in proportion to quantity of water used, and that, for the encouragement of the use of meters, checking of waste and more equitable assessment of

water taxes, the rates be lowered to those paying the highest prices for metered water, have been acted upon by your honorable body. The effect of the two changes upon the annual collections has been about as was anticipated, the collections \$36,085.87 together with the unpaid rates, being \$1,202.52 in excess of the Mayor's estimates.

#### EXTENSIONS.

Preparations have been made for a start early in the season on the three extensions of the system for which money was provided by the citizens' meeting of July 5th, 1893. Mr. J. G. Falcon, the contractor for the intake extension, has been on the ground for some time getting things in readiness for a start in laying submerged pipe as soon as the ice goes out of the lake. The well and shore work will be done before that time, and it is expected that early in the season it will be possible to obtain the city's water supply from outside the harbor.

The conduit will be put together with flexible joints in lengths of seventy-two feet and after laying each length the work will be tested. For the North Avenue and Shelburne street extensions sufficient pipe and other material has been obtained to enable the commencement of the work before the opening of navigation.

#### FINANCIAL.

The receipts for the past year amount to \$36,085.87, a falling off from last year of \$3,344.50. This falling off, instead of the usual increase, is due to the recent change of rates and the unusually large amount of unpaid bills, \$3,110.00, due the department from public funds not having been paid. The water rates for the year, paid and unpaid, exceed the current expense, including interest on bonds and reservoir notes, by \$9,823.62.

## CONSUMPTION.

The pumping record for the past year shows an increase of nearly fifty million gallons in the annual pumpage. This increase is in a measure accounted for by the intense cold of last winter and the consequent waste.

For a number of years past, the rapid increase in the number of metered services and the gradual placing of inveterate wasters of water on the metered list, has kept our consumption within the capacity of the pumps to supply.

With our gradual, but steady, increase in population, this condition of affairs, even with the increase in the number of metered consumers resulting from the recent changes in rates, cannot long continue. We again feel called upon to bring the matter to your attention, and to ask the co-operation of your Honorable Board and of our citizens generally in our efforts to check useless waste.

For particulars relative to the work of the department, the accompanying annual report of the Superintendent is referred to.

Respectfully submitted,

A. H. PARKER,	} Water	
L. C. GRANT,		} Commissioners.
W. E. HALL,		

TWENTY-SEVENTH ANNUAL REPORT  
OF THE  
**Superintendent of Water Works.**

*To the Honorable the Board of Water Commissioners of the  
City of Burlington, Vermont :*

GENTLEMEN : The following is a statement of the receipts and disbursements of the Burlington City Water Works for the year ending Dec. 31st, 1893 :

FUNDS AVAILABLE FOR THE USE OF THE WATER  
DEPARTMENT.

Balance from 1892-----	\$	66
Sale of pipe, meters, etc-----	3,094	71
Appropriations-----	21,550	00
	—————	\$24,645 37

RECEIPTS.

From G. D. Weller, City Treasurer---	\$	5,259	86
From E. C. Mower, City Treasurer---	19,382	99	
	—————	\$24,642	85
Unexpended balance-----	\$	2	52

DISBURSEMENTS.

Construction :—

Cast iron pipe, packing and lead-----	\$	927	68
Gates and material for blasting-----	36	97	

Gate and cut-off boxes-----	\$100 00
Service pipe and fittings-----	372 25
Labor on services-----	474 90
Labor on mains-----	902 15
	----- \$ 2,813 95

## Current :—

Pay rolls-----	\$ 3,298 82
F. H. Crandall, Superintendent, salary one year-----	1,000 00
Material for management and repairs--	714 31
Office expenses-----	276 29
Miss Minnie S. Moore, salary eleven months-----	366 63
Printing, advertising and postage-----	250 96
Horses, keeping, shoeing, repairs, etc--	351 87
Prof. Sedgwick, professional services--	20 00
Material purchased and used for and at the expense of others-----	147 12
Hydrants-----	200 00
Repair of Hydrants-----	204 43
Bills for labor-----	252 09
Gate and cut-off boxes-----	383 41
Freight and express charges-----	80 07
Repair of tools-----	64 27
Iron watering troughs-----	84 99
Hot water and office furnishings-----	399 12

## Replacing cement pipe :—

Cast iron pipe-----	\$2,173 31
Labor-----	3,530 00
Gates-----	544 27
Packing and lead-----	172 21
	----- \$6,419 79
	----- \$14,514 17



## Pumping :—

Fuel-----	\$3,069 75
Pay rolls-----	2,026 00
Repairs to machinery-----	167 32
Supplies-----	101 81
Repairs to motor-----	261 24
Repairs to buildings and grounds-----	50 45
	<hr/> \$ 5,676 57

## Meters :—

Meters-----	\$ 956 05
Pay rolls-----	573 35
Repairs and freight-----	108 76
	<hr/> \$ 1,638 16

## RECAPITULATION.

Construction-----	\$ 2,813 95
Current, regular-----	\$14,514 17
"    pumping-----	5,676 57
"    meter-----	1,638 16
	<hr/> \$21,828 90
	<hr/> \$24,642 85

NORTH AVENUE, INTAKE AND SHELBURNE  
STREET EXTENSIONS.AVAILABLE FUNDS FOR THE USE OF THE WATER  
DEPARTMENT.

Appropriation authorized by city meeting----- \$58,000 00

## RECEIPTS.

From E. C. Mower, City Treasurer----- 5,634 60

---

Balance to 1894----- \$52,365 40

## DISBURSEMENTS.

Printing, advertising and other expenses incident to letting contract for Intake extension-----	\$	145	71
For fire protection extensions, pipe and specials -----	\$	4,983	80
Lead, yarn and labor-----		505	09
			<hr/>
	\$	5,488	89
			<hr/>
	\$	5,634	60

## WATER TAX COLLECTIONS.

## RECEIPTS.

From collections of meter rates-----	\$20,049	95
From collections of schedule rates-----	16,035	92
		<hr/>
	\$36,085	87

## DISBURSEMENTS.

Paid G. D. Weller, City Treasurer----	\$	3,800	00
Paid E. C. Mower, City Treasurer----		32,285	87
			<hr/>
	\$36,085	87	

We hereby certify that we have examined the vouchers and accounts of F. H. Crandall, Superintendent of City Water Works, from January 1st to December 31st, 1893, and find the same correct.

GEO. W. BECKWITH,	}	City Auditors.
C. F. GROVER,		
S. R. WAGER,		

## WATER PUMPED.

1893.	Gallons.
January-----	30,331,900
February-----	26,833,000
March-----	27,705,625

April-----	27,479,700
May-----	26,238,550
June -----	35,525,900
July-----	32,414,225
August-----	24,274,475
September -----	30,066,300
October-----	26,526,675
November -----	20,761,400
December-----	29,335,600
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Total 1893-----	337,493,350
Total 1892-----	288,090,575
<hr/>	
Increase in 1893-----	49,402,775
Daily average in 1893-----	924,639
Daily average in 1892-----	789,639

## SERVICES.

There have been added 80 services of the following sizes :

Four-----	4	inch.
Two -----	2	“
One -----	1½	“
One -----	1¼	“
Two-----	1	“
Five -----	¾	“
Sixty-five-----	½	“

One 1-inch and 6 ½-inch services have been discontinued.

## HYDRANTS.

Six Lang post hydrants, located as follows, have been set during the past season :

Winooski avenue, corner of Main street.

Willard, corner of Loomis street.

Park avenue, west of Briggs street.

In rear of Mary Fletcher Hospital, Colchester avenue.

In front of Mary Fletcher Hospital, Colchester avenue.

In front of Electric railway car sheds, North Winooski avenue.

Of the above, the last three are private hydrants, set at the expense of the parties whose property they are primarily designed to protect.

Three public hydrants between the tracks in the railroad yard have been discontinued.

Ground hydrants have been replaced at the intersection of Archibald street with Intervale and Winooski avenues.

Total number of public hydrants-----	148
“ “ private “ -----	27

Total -----	175
-------------	-----

#### SUPPLY PIPE.

Two hundred feet of 1-2 inch galvanized iron supply pipe, in Peru and Hyde streets, have been discontinued since the laying of cast iron mains in those streets.

Total length now in use-----21,569 feet.

#### MAINS.

New mains have been laid in the following streets :

#### WITH FOUR-INCH CAST IRON PIPE.

Hickok Place, easterly from dead end-----	124 feet.
Johnson street, southerly from Peru street-----	30 “
Greene street, northerly from Hickok Place-----	424 “
Orchard Terrace, southerly from end of 6-inch pipe--	444 “
St. Louis street, southerly from North Bend-----	122 “
Decatur street, easterly from Intervale avenue-----	40 “

## WITH SIX-INCH CAST IRON PIPE.

Peru street, westerly from Elmwood avenue-----	430 feet.
Archibald street, easterly from Winooski avenue---	338 "
Hyde street, southerly from Archibald street-----	180 "
North Willard street, northerly from dead end-----	210 "
Loomis street, easterly from Willard street-----	422 "
Orchard Terrace, southerly from Pearl street-----	26 "
Winooski avenue, northerly from Main street-----	46 "
Park avenue, westerly from dead end-----	234 "

Total length of new mains-----3070 feet.

The cement pipe in the following streets has been replaced during the past season :

## WITH SIX-INCH CAST IRON PIPE.

Intervale avenue, southerly from Archibald street--	730 feet.
Spring street, westerly from Intervale avenue-----	473 "
Walnut street, northerly from Spring street-----	168 "
Archibald street, at Walnut and Intervale avenue--	175 "
Winooski avenue, northerly from Decatur street---	800 "
Hyde street, northerly from Pomeroy street -----	263 "
Peru street, easterly from Champlain street-----	520 "
Elmwood avenue, northerly from Grant street-----	200 "
Murray street, northerly from Peru stret-----	20 "
George street, southerly from Peru street-----	30 "
Grant street, easterly from Elmwood avenue-----	52 "
Colchester avenue, at Green Mount Cemetery-----	400 "
Cherry street, easterly from Church street-----	33 "
Union street, southerly from Winooski avenue----	40 "
Winooski avenue, at Pearl street-----	60 "

## WITH TEN-INCH CAST IRON PIPE.

Main street, easterly from end of iron pipe near	
Union street-----	1046 feet.
North avenue, northerly from North street-----	500 "
<hr/>	
Total length of cement pipe replaced-----	5510 feet.

## LENGTH OF PIPE NOW IN USE.

Cement-----	75,546 feet.
Iron-----	94,171 "
<hr/>	
Total feet of pipe-----	169,717
Total miles of pipe-----	32.14

## GATES.

The following gates have been discontinued :

Archibald street, at Intervale avenue-----	2	4 inch.
Crombie street, at Intervale avenue-----	1	4 "
George street, at Peru street-----	1	4 "
Spring street, at Intervale avenue-----	1	4 "
Grant street, at Elmwood avenue-----	1	3 "
Cherry street, at Church street -----	2	3 "
Winooski avenue, at Archibald street-----	1	4 "
Main street, at Union street-----	1	10 "
Willard street, at Main street-----	1	4 "
Colchester avenue at Green Mount Cemetery-----	1	6 "
<hr/>		
Total-----	12	

The following gates have been set during the past season :

North avenue, at north line of North street-----	1	10 inch.
" " south line of Strong street-----	1	10 "
Main street, at east line of Union street-----	1	10 "
" " " " Willard street-----	1	10 "
" " at west line of Willard street-----	1	10 "



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Main street at west line of Union street-----	I	10 inch.
Willard street, at south line of Loomis st-----	I	6 "
Loomis street, at east line of Willard street-----	I	6 "
Pearl street, at east line of Winooski avenue-----	I	6 "
"      "      at west      "      "      "      "-----	I	6 "
Winooski avenue, at north line of Pearl street----	I	6 "
Cherry street, at east line of Church street-----	I	6 "
Orchard Terrace, at south line of Pearl street----	I	6 "
Park avenue at west line of Briggs street-----	I	6 "
Archibald street, at east line of Intervale avenue--	I	6 "
"      "      at west      "      "      "      "----	I	6 "
"      ", at east line of Walnut street-----	I	6 "
Interval avenue, at south line of Archibald street--	I	6 "
"      "      "      "      Spring street----	I	6 "
Spring street, at west line of Intervale avenue----	I	6 "
Walnut street, at south line of Archibald street----	I	6 "
Elmwood avenue, at north line of Grant street----	I	6 "
Grant street, at east line of Elmwood avenue----	I	6 "
Peru street, at west line of      "      "      "-----	I	6 "
"      "      "      "      George street-----	I	6 "
George street, at south line of Peru street-----	I	6 "
Murray street, at north line of Peru street-----	I	6 "
North Winooski avenue, at south line of Archibald street -----	I	6 "
Winooski avenue, at north line of Archibald street	I	6 "
Archibald street, at east line of North Winooski avenue-----	I	6 "
Archibald street, at west line of North Winooski avenue-----	I	6 "
Hyde street, at south line of Archibald street----	I	6 "
Union street, at east line of Winooski avenue----	I	6 "
Colchester avenue, at Mansfield avenue-----	I	6 "

Colchester avenue, at Chase street-----	1	6 inch.
Colchester avenue, at Green Mount cemetery-----	1	6 “
Winooski avenue, at east line of Main street -----	1	6 “
Decatur street, at east line of Intervale avenue---	1	4 “
Crombie street, at east line of Intervale avenue---	1	4 “
Johnson street, at south line of Peru street-----	1	4 “
Willard street, at south line of Main street-----	1	4 “
Hikok Place, at west line of Greene street-----	1	4 “
Chase street, near school house-----	1	4 “
Barrett street, at Colchester avenue -----	1	4 “
St. Louis street, at North Bend street-----	1	4 “
On fire services for the Hospital, the Hartshorn Co., the Electric Railway Co., and The Lang & Goodhue M'f'g Co. there have been set-----	4	4 “

Total added-----49

Total now in use-----383

Repairs for the year have been :—

On cement pipe-----	18 breaks.
On cement pipe-----	9 leaks.
On iron pipe-----	9 joint leaks.
On iron pipe-----	1 plug leak.
On service pipe-----	14 leaks.
On broken hydrants-----	14 leaks.
On broken gates-----	4 leaks.

#### METERS.

There are now in use 876 meters, an increase of 165 over last year. Of the water pumped, 24.7 per cent. has been used through meters, yielding 55.56 per cent. of the collections.

All of which is respectfully submitted.

F. H. CRANDALL,  
Superintendent.

## LIST OF PUBLIC AND PRIVATE HYDRANTS.

LOCATION.						PUB. P. G.	PRI. P. G.
North lumber yard, north of Crane's office-----							I
" " " " " "-----							I
" " " " " "-----							I
" " " " " "-----							I
" " " " " "-----							I
" " " " " "-----							I
" " " " " at " "-----					I		
" " " " " east " mill-----					I		
" " " " " " shed-----							I
" " " " " south " box shop-----					I		
" " " " " west " "-----							I
On dock, bet. Crane's mill and pump-house-----						I	
Between Crane's mill and pump-house-----						I	
" " " "-----						I	
In yard of pump-house-----						I	
Lake street, opposite Booth's old office-----						I	
" " at Booth's old office between tracks-----						I	
" " opposite old Round-house-----						I	
" " at Booth's retail shed-----						I	
" " at watering trough-----						I	
" " north of Booth's office-----						I	
" " south of Booth's office-----						I	
" " south of Booth's boilers-----						I	
" " at glazing shop-----						I	
" " north of Depot, between tracks-----						I	
" " corner College street-----						I	
Foot of College street, west of tracks-----						I	
Lake street, corner of Main street-----						I	
North avenue, near J. Wakefield's-----						I	

LOCATION.	PUB. P. G.	PRI. P. G.
North avenue, near R. R. tunnel-----	I	
“ corner North Bend-----	I	
“ corner North street-----	I	
Front street, corner North street-----	I	
Blodgett street, corner Strong street-----	I	
North Battery street, corner Poplar street -----		I
“ “ “ “ North street-----	I	
“ “ “ “ Smith's Lane-----	I	
South Battery street corner Cherry street-----	I	
“ “ “ “ Bank street-----	I	
“ “ “ “ Main street-----	I	
“ “ “ “ King street-----	I	
“ “ “ “ Maple street-----	I	
North Champlain street, corner Cedar street-----	I	
“ “ “ “ North street-----	I	
“ “ “ “ Peru street-----	I	
“ “ “ “ Pearl street-----	I	
South Champlain street, corner Bank street-----	I	
“ “ “ “ College street---	I	
“ “ “ “ Main street-----	I	
“ “ “ “ King street-----	I	
“ “ “ “ Maple street-----	I	
“ “ “ at Brewery-----	I	
“ “ “ at Skilling's mill-----	I	
Rose street, corner North Bend-----		I
Murray street, corner Allen street-----	I	
Lafountain street, corner Cedar street-----	I	
Head of George street, on Peru street-----	I	
George street, corner Pearl street-----	I	
Pine street, corner Cherry street-----	I	

LOCATION.			PUB. P. G.	PRI. P. & G.
Pine street, corner College street			I	
“ “ “ King street			I	
“ “ “ Maple street			I	
“ “ at Venetian Blind shop			I	
“ “ at Burlington Cotton mills			I	
“ “ in yard of Burlington cotton mills				I
“ “ below E. S. Adsit's coal yard			I	
“ “ below Gay & Henderson's coal yard			I	
“ “ corner Howard street			I	
“ “ east of Bronson, Weston & Dunham's mill				I
“ “ east of Bronson, Weston & Dunham's mill				I
“ “ west of Bronson, Weston & Dunham's mill				I
“ “ west of Bronson, Weston & Dunham's mill				I
“ “ west of Bronson, Weston & Dunham's mill				I
“ “ west of Bronson, Weston & Dunham's mill				I
“ “ west of Bronson, Weston & Dunham's mill				I
“ “ west of Bronson, Weston & Dunham's mill				I
St. Paul street, corner Pearl street			I	
“ “ “ Cherry street			I	
“ “ “ Bank street			I	
“ “ “ College street			I	
“ “ “ Main street			I	

LOCATION.		PUB. P. G.	PRI. P. G.
St. Paul street, corner Maple street -----		I	
“ “ foot of Adams street -----		I	
“ “ in yard of Burlington Cotton mills -----			I
“ “ corner Spruce street -----		I	
“ “ between Marble and Howard sts. -----		I	
“ “ corner Howard street -----		I	
North Bend, North of corner Spring street -----		I	
Elmwood avenue, corner Spring street -----		I	
“ “ “ North street -----		I	
“ “ foot of Grant street -----		I	
Intervale avenue, corner Oak street -----		I	
“ “ “ Archibald street -----		I	
“ “ “ Spring street -----		I	
Church street, corner Pearl street -----		I	
“ “ “ Cherry street -----		I	
“ “ “ Bank street -----		I	
“ “ “ College street -----		I	
“ “ “ Main street -----		I	
“ “ “ King street -----		I	
“ “ “ Adams street -----		I	
Bright street, corner First street -----			I
North Winooski avenue, corner First street -----		I	
“ “ “ at Car barn -----			I
“ “ “ corner Archibald street -----		I	
“ “ “ “ Decatur street -----		I	
“ “ “ “ North street -----		I	
“ “ “ “ Grant street -----		I	
South Winooski avenue, corner Pearl street -----		I	
“ “ “ between Cherry and Bank streets -----		I	



LOCATION.				PUB. P. G.	PRI. P. G.
South Winooski avenue, corner College street	----			I	
“ “ “ “ Main street	-----			I	
North Union street, corner North street	-----			I	
“ “ “ “ Loomis street	-----			I	
“ “ “ head of Grant street	-----			I	
“ “ “ corner Pearl street	-----			I	
South Union street, corner College street	-----			I	
“ “ “ “ Main street	-----			I	
“ “ “ “ Maple street	-----			I	
“ “ “ “ Adams street	-----			I	
“ “ “ “ Spruce street	-----			I	
“ “ “ “ Bay View street	-----			I	
“ “ “ “ Howard street	-----			I	
“ “ “ “ St. Paul street	-----			I	
Hyde street, corner Pomeroy street	-----			I	
School street, corner North street	-----			I	
E. W. Peck, 326 College street	-----				I
North Willard street, corner Archibald street	-----			I	
North street, east of North Willard street	-----				I
North Willard street, corner Loomis street	-----			I	
“ “ “ “ Pearl street	-----			I	
South Willard street, corner College street	-----			I	
“ “ “ “ Main street	-----			I	
“ “ “ “ Maple street	-----			I	
“ “ “ “ Spruce street	-----			I	
“ “ “ foot of Cliff street	-----			I	
“ “ “ corner Howard street	-----				I
“ “ “ “ Ledge road	-----			I	
Shelburne street, near No. 80	-----				I
“ “ “ “ 124	-----			I	

LOCATION.	PUB. P. G.	PRI. P. G.
Shelburne street near, head of Park avenue -----	I	
Park avenue, corner Briggs street-----	I	
“ “ at Lang's shop -----	I	
Briggs street-----	I	
Hayward street, corner Howard street-----	I	
Williams street, on premises of A. E. Richardson		I
“ “ between Pearl and College street	I	
“ “ corner College street -----	I	
“ “ “ Main street -----	I	
Summit street, corner Maple street -----	I	
North Prospect street, near Pomeroy street-----	I	
“ “ corner North street -----	I	
“ “ “ Loomis street-----	I	
South Prospect street, corner Pearl street -----	I	
“ “ “ College street -----	I	
“ “ “ Main street -----	I	
“ “ south of Maple street-----	I	
“ “ “ Cliff street -----	I	
Mansfield avenue, corner Loomis street-----	I	
University place, at Library-----	I	
“ south end of College-----	I	
Colchester avenue, near Spear Hose-----	I	
“ opposite Hospital -----	I	
“ at Hospital -----		I
“ “ -----		I
“ foot of East avenue -----	I	
“ near Cemetery-----	I	
“ corner Chase street-----	I	
“ below Barrett street-----	I	
Barrett street, corner Chase street-----	I	

LOCATION.				PUB. P. G.	PRI. P. G.
Grove street-----				1	
Mill street, Burlington Cotton Mills-----					1
"	"	"	"	-----	1
"	"	"	"	-----	1
				-----	-----
				123	25 23 4
Number of public hydrants-----				148	
Number of private hydrants-----					27
				-----	-----
Total number of hydrants -----					175

## SUMMARY OF STATISTICS

SUGGESTED BY THE

## New England Water Works Association,

For the Year 1893.

Burlington City Water Works.

Burlington, Chittenden County, Vermont.

Population by U. S. census, 1890, 14,590.

Works constructed 1867-8.

Owned by city.

Source of supply, Lake Champlain.

Mode of supply, pumping.

## PUMPING.

1. Builders of pumping machinery, H. R. Worthington.
2. Description of fuel. 

{	<i>a</i> Anthracite. <i>c</i> Grate. <i>d</i> Pittston. <i>e</i> \$5.20 and 5.45. <i>g</i> Mill shavings, \$36 and \$38.50 per week,	}	25 weeks.
---	--	---	-----------
6. Total pumpage for the year, 337,493,350 gallons.
7. Average static head against which pumps work, 289 feet.
8. Average dynamic head against which pumps work, 316 feet.  
 Cost of pumping figured on pumping station expenses, \$5,676.57.
11. Per million gallons raised against dynamic head into reservoir, \$16.82.
12. Per million gallons raised one foot high (dynamic), \$0.0532.

Cost of pumping figured on total maintenance,  
\$30,778.90.

13. Per million gallons raised against dynamic head into reservoir, \$91.19.
14. Per million gallons raised one foot high (dynamic), \$0.288.

### FINANCIAL.

#### Division I.

#### MAINTENANCE.

Receipts.		Disbursements.	
From Consumers.		AA. Management and repairs	
A. Water rates, domestic.	\$31,242 61		\$21,828 90
B. Water rates, manufacturing.	4,593 26	BB. Interest on bonds	8,200 00
		Interest on reservoir notes	750 00
From public funds.		CC. Total maintenance	\$30,778 90
*C. Hydrants	\$2,960 00	DD. Balance to the City Treasurer	8,401 68
*D. Fountains and Parks	75 00		
E. Watering Troughs	250 00		
*F. Public Buildings	75 00		
G. Net receipts for water.	\$36,085 87		
H. Sale of pipes, meters, etc.	3,094 71		
I. Gross receipts	\$39,180 58	EE. Total	\$39,180 58

\*Not paid.

#### Division II.

From fixed rates.	{	L. Domestic	\$15,935 92
		M. Manufacturing	100 00
		N.	\$16,035 92
From meter rates.	{	O. Domestic	\$15,556 69
		P. Manufacturing	4,493 26
		Q.	\$20,049 95
Total			\$36,085 87

### CONSTRUCTION.

Receipts.		Disbursements.	
T. Appropriation	\$2,813 95	FF. Extension of mains	\$1,913 95
		GG. Extension of services	900 00
V. Total	\$2,813 95	KK. Total	\$2,813 95

- W. Cost of works to date ----- \$376,770 89
- X. Bonded debt at date ----- 190,000 00

Y. \*Value of sinking fund at this date----- 121,742 84

Z. Rate of interest, four and five per cent.

\*Toward paying the entire bonded debt of the city, \$422,000.00.

#### CONSUMPTION.

1. Estimated total population at date, 15,300.
2.       "       "       "       on lines of pipe, 14,900.
3.       "       "       "       supplied, 14,600.
4. Total number of gallons consumed for year, 337,493,350.
5. Passed through domestic meters, 56,052,120 gallons, or 16.6 per cent.
6. Passed through manufacturing meters, 27,312,165 gallons, or 8.1 per cent.
7. Average daily consumption, 924,639 gallons.
8. Gallons per day to each inhabitant, 60.
9. Gallons per day to each consumer, 62.
10. Gallons per day to each tap, 338.

#### DISTRIBUTION.

##### MAIN.

1. Kind of pipe, cement lined, cast iron, wrought iron.
2. Size, from 4 to 16 inches.
3. Extended, 8580 feet.
4. Discontinued, 5510 feet.
5. Total now in use, 32.14 miles.
6. Cost of repairs per mile, \$12.14.
7. Leaks per mile, 1.0.
8. Small distribution pipe less 2 than 4 inch, total length, 21,569 feet.
9. Hydrants added, 6.
10. Number now in use, 175.
11. Stop gates added, 49.
12. Number now in use, 383.
13. Small stop gates less than 4 inch, total, 70.
14. Number of blow-off gates, 6.
15. Range of pressure on mains at centre, for day and night, 70 to 85 pounds.

##### SERVICES.

16. Galvanized iron, lead.
17. From  $\frac{1}{2}$  to 6 inches.
18. 2235 feet.
19. 210 feet.
20. 14.8 miles, or 78,131 feet.
21. Service taps added, 8.
22. Number now in use, 2737.
23. Average length of service, 28 feet.
24. Average cost of service, \$8.25.
25. Meters added, 165.
26. Number now in use, 876.
  - a. domestic, 813.
  - b. manufacturing, 63.
27. Motors and elevators added, 1.
28. Number now in use, 17.

#### STORAGE.

Earthwork reservoirs, low service, capacity, 7,000,000 gallons.

Iron tank. high service, capacity, 169,617 gallons.



# REPORTS

## OF THE

# OVERSEER OF THE POOR.

George A. Rumsey, Overseer from January 1st,  
1893, to April 25th, 1893.

*To the Honorable the City Council:*

GENTLEMEN: The statement of the receipts and disbursements for three months and twenty-five days ending April 25th, 1893, is as follows:

### RECEIPTS.

Cash from City Treasurer-----	\$ 1,300 00
Sales from farm and other sources-----	35 25
Barter -----	6 84
	<hr/>
	\$ 1,342 09
Balance due G. A. Rumsey, Overseer--	23 92
	<hr/>
	\$ 1,366 01

### DISBURSEMENTS.

Aid furnished persons or families-----	\$ 852 71
Overseer's salary-----	159 75
Salary Dr. D. C. Hawley, city physician	63 88
	<hr/>
	\$ 1,076 34

## POOR HOUSE EXPENDITURES.

Charles Ozier, Superintendent, salary—\$	127	25
Expenses -----	140	58
Paid to Superintendent Stevens for 31		
loads of manure-----	15	00
Barter -----	6	84
		<hr/> \$ 289 67
		<hr/> \$ 1,366 01

This certifies that we have examined the above account of G. A. Rumsey, Overseer of the Poor for the time above stated, and find it correct.

M. H. STONE, }  
H. R. WING, } Auditors.  
W. C. ISHAM, }

## INVENTORY OF FARM, APRIL 25, 1893.

## HOUSEHOLD UTENSILS.

10 tables,	4 mops,
7 rocking chairs,	3 dust pans,
34 chairs,	1 dinner bell,
1 sick chair,	1 wine dipper,
5 bureaus,	3 looking glasses,
5 stoves,	1 clock,
1 lounge,	1 lantern,
10 trunks,	3 lamps,
20 iron bedsteads,	3 dippers,
1 cot bedstead,	3 basins,
6 stands,	1 butter stamp,
13 stools,	1 biscuit cutter,
1 wash-bowl and pitcher,	2 trays,
2 wash-basins,	2 tea-pots,

---

1 churn,	1 potatoe-masher,
5 gallon oil can,	12 spoons,
4 wash-tubs,	1 large spoon,
2 rub-boards,	12 knives and forks,
2 clothes ringers,	25 plates,
1 wash-boiler,	1 pickle dish,
1 clothes basket,	2 pitchers,
1 ice-box,	5 tea cups,
1 ice-tank,	17 bowls,
1 pair ice-tongs,	1 galvanized oven,
2 candle-sticks,	11 gallon jug,
1 bread-board,	20 pans,
1 quart measure,	7 jars,
1 milk strainer.	20 baking tins,
2 large milk pans,	1 brush broom,
3 milk pails,	1 pair scales,
2 fire shovels,	$\frac{1}{2}$ barrel soft soap,
1 sewing machine,	1 pair scissors,
2 barrel covers,	35 feather pillows,
1 bread pan,	35 blankets,
9 wooden pails,	40 bed-quilts,
1 scalding tub,	10 feather-beds,
5 pork barrels,	20 straw ticks,
6 cider barrels,	40 pillow cases,
1 stone churn,	38 sheets,
1 meat saw,	35 yards brown cotton,
1 dish pan,	11 yards print,
5 kettles,	16 yards sheeting,
1 tea-kettle,	20 hand towels,
1 frying-pan,	12 dish towels,

## CATTLE.

2 horses,	1 heifer,
11 cows,	6 shoats,
1 bull,	30 hens.

## FARMING TOOLS.

1 express wagon,	2 wood-saws,
1 single wagon,	2 augers,
1 double wagon,	2 scythes and snathes,
1 carriage,	1 hog hook,
1 cutter,	1 bit stock,
1 old cutter,	1 iron rake,
2 seated sleigh,	2 wood rakes,
1 heavy sled,	1 bush hook,
2 single harness,	1 grind-stone,
2 axes,	1 grain cradle,
1 mowing machine,	1 horse-rake,
1 pick-axe,	3 neck-yokes,
2 hammers,	4 chains,
2 drilling hammers,	1 scoop-shovel,
2 drills,	4 shovels,
1 spoon drill,	4 hay forks,
2 surcingles,	3 dung forks,
2 cards,	1 quart measure,
2 ladders,	1 wire stretcher,
1 spade plow,	3 bushel baskets,
2 plows,	2 $\frac{1}{2}$ -bushel baskets,
2 cultivators,	1 farming mill,
2 harrows,	1 hay knife,
1 crowbar,	30 bags,
2 spades,	2 horse-blankets,
4 hoes,	3 barrels,



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 POOR HOUSE EXPENDITURES.

D. F. Cosgriff, Superintendent-----	\$	200	00
Coal-----		109	75
Taxes -----		26	33
Repairs -----		102	08
Furnishings, ranges, tinware, etc.-----		118	38
Other expenses -----		622	98
			<hr/>
			\$1,179 52

Cash on hand December 31st, 1893-----\$ 164 70

We, the undersigned, have examined the accounts and vouchers of James E. Russell, Overseer of the Poor, from April 25th, 1893, to December 31st, 1893, inclusive, and found the same correct.

GEO. W. BECKWITH,	} Auditors.
C. F. GROVER,	
S. R. WAGER,	

## INVENTORY OF FARM, DECEMBER 31st, 1893.

## PRODUCE ON HAND.

15½ Tons hay,	1350 Pounds pork,
18 Tons coal,	350 Pounds corned beef,
35 Bushels potatoes,	19 Pounds codfish,
15 Bushels turnips,	90 Pounds lard,
10 Bushels beets,	30 Pounds butter,
40 Bushels carrots,	4 Pounds tea,
45 Bushels oats,	50 Pounds sugar,
3 Bushels beans,	2 Barrels flour,
38 Bushels corn,	10 Gallons vinegar,
2 Bushels onions,	1 Box Babbitt's soap,
26 Heads cabbage,	2 Tons straw.



## LIVE STOCK ON HAND.

2 Horses,	35 Hens,
9 Cows,	2 Guinea hens,
2 Shoats,	5 Chicks.

## INMATES OF POOR HOUSE, DECEMBER 31st, 1893.

Name.	Age.	Nativity	Cause.	TIME.		
				Yrs.	Mos.	Dys.
Harriet Corning	77	Burlington, Vt.	Insane	12	0	10
Annie Muldoon	61	Ireland	"	12	2	8
William Wakefield	84	England	Destitute.	10	2	24
Mary Wall	47	Ireland	Insane	9	7	24
Timothy Noonan	87	"	"	13	2	23
Daniel Hicks	29	Winooski	"	7	7	4
Francis Metcalf	59	Burlington, Vt.	"	2	6	0
Mary Diette	80	Canada	Destitute.	1	10	0
Ellen Phelps	40	Hinesburgh	"	1	9	20
Walter Langworthy	24	Burlington, Vt.	"	1	1	15
Jerry Shanahan	25	Ireland	"			21
Peter Grenough	78	Canada	"		4	12
Martel Duame	74	"	"		1	12

Admitted during the year, 3.

Discharged during the year, 4.

Died September 22d, 1893, Martel Duame.

Died November 1st, 1893, Mary Diette.

Helped 12 tramps.

## REMARKS.

The buildings are in good order at the present time, being repaired and painted inside, chimneys rebuilt and other repairs made, which were very necessary. The farm land has been improved by the addition of 25 loads of manure drawn from the city during the past year.

During the year two of the inmates have died of old age.

---

The inmates have been very healthy for old people.

There has been an unusual amount of sickness among the outside poor, and a great many persons out of employment. For these reasons the expenses have been larger than for several years.

No person has been allowed to suffer from hunger or cold, who has applied to me, either in person or by message. It has been my custom to visit all applicants and find out what was wanted. I thank all who have in any way assisted me (and especially Mrs. Russell, Matron of Howard Relief,) in the duties of my office during the past year.

J. E. RUSSELL,

Overseer of the Poor.

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REPORT  
OF THE  
CITY ATTORNEY.

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*To the Honorable the City Council :*

GENTLEMEN :—At the last April term of the Chittenden County Court, the case of Jericho vs. Burlington, a pauper case, was tried and a verdict for defendant directed by the Court.

Exceptions were taken by the plaintiff, and this case has now passed to the Supreme Court.

The only other case then pending in said court in which the city was interested, was Alice B. Prouty vs. Charles E. Prouty. This was a petition for support and is still pending.

To the September term of said court a bill and injunction were brought by Judge R. S. Taft, against the City. The orator in this case seeks to prevent the collection of a frontage assessment of \$201.97 for building a sidewalk and curbing the same on the south side of Adams street, and for curbing and guttering on the west side of Union street. This case involves the constitutionality of the provisions in the City Charter for making assessments.

During my incumbency no complaints have been made for breach of city ordinances, and but one such (instituted by my predecessor) is now pending. It is a complaint for breach of an ordinance against prostitution, and delay seemed to be in the interest of public justice.

Respectfully submitted,

J. A. BROWN,

City Attorney.

Burlington, Vt., Jan. 1st, 1894.

# REPORT OF THE CITY JUDGE.

For the Year 1893.

The total number of prosecutions in City cases brought before the City Court during the year 1893, was 86 against 92 respondents, and they are classified as follows, viz :—

Breach of peace-----	59
Petit larceny -----	12
Open and gross lewdness-----	1
Prostitution -----	5
Defacing public property-----	7
Working on Sunday-----	2
	86

In said prosecutions 60 respondents were convicted, 15 were acquitted, and 17 discharged on *nolle prosequi*.

Total fines and costs collected and paid into the

City Treasury ----- \$ 529 93

Total amount paid out by the City Treasurer, as

fees to the several persons entitled to the same \$ 599 15

Total amount of fines uncollected in cases not dis-

posed of ----- \$ 145 59

This amount will soon be collected or mittimus issued.

If the whole of such amount, including fines and costs be paid, the balance in favor of the City Court will be \$82.37.

Further information will be furnished upon application to the Clerk of the Court.

Respectfully submitted to the City Council,

HAMILTON S. PECK,

Burlington, Vt., Jan. 2, 1894.

City Judge.

# REPORT

## OF THE

# CHIEF OF POLICE.

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*To the Honorable the City Council :*

GENTLEMEN : I have the honor to submit this, my annual report of the Police Department, for the year ending December 31st, 1893, showing the present strength and condition of the force, and reviewing briefly the duties performed by it during the past year.

The Department consists of 45 commissioned policemen. Of these, 33 are watchmen at several manufactories without expense to the city. The remaining 12 are stationed as follows : Four on Church street, two serving each night alternately ; one every night in the Third Ward ; two in the Second Ward, one serving each night alternately ; two on Pearl street on Saturday and Sunday nights, one serving each night, and one man in the south part of the city.

Unless some unforeseen demand should arise, the strength of the present force is deemed sufficient to meet all requirements.

The expenses of the Department from January 1st, 1893, to January 1st, 1894, were distributed as follows, viz :

Salaries of officers-----	\$ 4,096 50
Uniforms and caps-----	138 25
Incidentals-----	114 14
Total -----	<hr/> \$ 4,348 89



There have been in all 463 arrests, which are classified for each month respectively, as follows:

1893.	Arson.	Blanket Act.	Breach of Peace.	Burglary.	Cruelty to Animals.	Keeping House of Ill-fame.	Intoxication.	Larceny.	Obtaining Liquor of Agent under False Pretenses.	Open and Gross Lewdness.	Rape.	Selling Liquor.	Tramp.	Prostitution.	Keeping Nuisance.	Working Sunday.	Breaking into Building.	Defacing Public Property.	Murder.	Obstructing Railroad.	Receiving Stolen Goods.	Total.
Jan			8			3	12					6		2	2	1						34
Feb			5				13	1	2			18										39
March		3	6	1			7	9	1			2		2			7					38
April	1	2					11	3				8										25
May			8				7	9				10							1			35
June			5				18					9	2						2			36
July			11				9	3				7										30
August			10	1	1		15	5				13						4		3	4	56
Sept.			9	1	1		20	7	1	1		17	1									58
Oct.			6				11	3	1		1	14				3		4				43
Nov.				1			17	7				5										30
Dec			6	1			14					16	2									39
Total	1	5	74	5	2	3	154	47	5	1	1	125	5	4	2	4	7	9	2	3	4	463

I return thanks to your Honorable Board for the kindness extended to me in the discharge of my duties during the past year.

Very respectfully,

JEROME DUMAS,

Chief of Police.

# REPORT OF The City Liquor Agency.

*To the Honorable the City Council of the City of Burlington :*

GENTLEMEN : I herewith present to you my report from the first day of January, 1893, to the 31st day of December 1893, inclusive.

Cash received from sales to citizens-----	\$7,469.36
“ “ “ “ other towns-----	2,264.35
“ “ “ “ of barrels and jugs-----	66.39
	\$9,800.10

Cash paid City Treasurer-----	9,800.10
-------------------------------	----------

The quality of goods sold have been the best that could be obtained, although the price paid has been somewhat higher than usual on account of the limited quantity in market.

No seized goods have been sold or received.

The following is a condensed statement made by the auditors of the purchases, sales, etc.:

# CONDENSED STATEMENT OF PURCHASES, SALES, Etc.

	ALCOHOL.		BEERS.		BRANDIES.		GINS.		RUMS.		WHISKEYS.		WINES.		Total Value.
	Gallons.	Cost.	Gallons.	Cost.	Gallons.	Cost.	Gallons.	Cost.	Gallons.	Cost.	Gallons.	Cost.	Gallons.	Cost.	
On hand Jan. 1, 1893	11 $\frac{3}{4}$	\$ 30 08	79	\$ 68 87	79 $\frac{1}{4}$	\$ 241 00	20 $\frac{3}{4}$	\$ 64 07	47 $\frac{3}{4}$	\$124 82	28 $\frac{1}{2}$	\$ 99 18	45 $\frac{1}{4}$	\$ 85 37	\$ 713 39
Added during 1893--	981 $\frac{1}{4}$	2,086 40	320 $\frac{3}{8}$	238 29	219 $\frac{1}{4}$	783 41	78	248 22	308 $\frac{1}{4}$	625 47	1259	3,861 90	203 $\frac{1}{2}$	317 91	8,161 60
Total stock and cost,	990 $\frac{1}{2}$	\$2,116 48	399 $\frac{3}{8}$	\$307 16	298 $\frac{1}{2}$	\$1,024 41	98 $\frac{1}{4}$	\$312 29	356	\$750 29	1287 $\frac{1}{2}$	\$3,961 08	248 $\frac{3}{4}$	\$403 28	\$ 8,874 99
Sales during 1893---	892 $\frac{1}{8}$	3,020 15	281 $\frac{1}{4}$	295 32	206 $\frac{3}{8}$	952 37	76	369 70	234 $\frac{1}{4}$	720 25	888	3,943 13	183 $\frac{1}{2}$	432 79	9,733 71
On hand Dec. 31, 1893	---	---	82 $\frac{3}{4}$	60 83	71 $\frac{1}{8}$	261 07	15 $\frac{1}{2}$	47 86	95 $\frac{1}{4}$	212 40	302 $\frac{3}{4}$	359 97	46 $\frac{5}{8}$	98 13	1,640 26
Total -----	892 $\frac{1}{8}$	\$3,020 15	364 $\frac{1}{8}$	\$356 15	277 $\frac{3}{4}$	\$1,213 44	91 $\frac{1}{2}$	\$417 56	329 $\frac{1}{2}$	\$932 65	1190 $\frac{3}{4}$	\$4,903 10	230 $\frac{1}{4}$	\$530 92	\$11,373 97
Leakage, evaporation and breakage,	37 $\frac{5}{8}$		34 $\frac{3}{4}$		20 $\frac{3}{4}$		7 $\frac{1}{4}$		26 $\frac{1}{2}$		96 $\frac{3}{4}$		18 $\frac{5}{8}$		
Amt sold for over cost		903 67		48 99		189 03		105 27		182 36		942 02		127 64	2,498 98

Respectfully,

E. SELDEN,

City Agent.

Burlington, January 12, 1894.

---

This is to certify that we have examined the sale books of E. Selden, City Liquor Agent, and find that he has received the above amount and paid the same to the City Treasurer.

GEO. W. BECKWITH,	}	Auditors.
C. F. GROVER,		
S. R. WAGER,		

# REPORT

## OF THE

# Cemetery Commissioners.

*To the City Council of the City of Burlington :*

GENTLEMEN : Herewith is respectfully submitted the report of the Cemetery Commissioners for the year ending December 31st, 1893, viz :

### ELMWOOD CEMETERY.

#### RECEIPTS.—(Deposited with the City Treasurer.)

Balance on hand with City Treasurer, January 1st,	
1893 -----	\$ 1,506 74
Income from trust funds -----	1,164 26
Fitting and care of lots, opening and filling graves	208 30
	\$ 2,879 30

#### DISBURSEMENTS.—(By checks on City Treasurer.)

Services of J. D. Pickering, as sexton in charge	
during 1893 -----	\$ 412 50
Labor, per time book -----	380 52
Annual water rates to the City, to June 1st, 1893—	14 00
Flowers and plants for the “ Pomeroy lot ” -----	16 00
Fertilizers and cartage, tools, materials, painting,	
grass seeds, furniture and repairs -----	150 05
T. S. Peck, insurance -----	7 50

---

Stationery and postage-----	2 78
Balance on hand with City Treasurer-----	1,895 95

---

\$2,879 30

Number of interments during 1893, twenty.

### LAKE VIEW CEMETERY.

#### RECEIPTS.—(Deposited with City Treasurer.)

Balance on hand with City Treasurer, January 1st,	
1893-----	\$ 796 48
Income from trust funds, etc-----	560 84
Sales of lots-----	1,225 36
Care of lots-----	600 25
Fitting lots-----	440 90
Opening and filling graves-----	238 00
Vault fees, etc., and sales of old tools-----	28 50
Due Eli Poquette, error September 9th-----	10 00

---

\$3,900 33

#### DISBURSEMENTS.—(By checks on City Treasurer.)

Services of Eli Poquette, as Sexton in charge dur-	
ing 1893-----	\$ 624 00
Labor, per time book-----	1,267 28
Annual water rate to the City-----	100 00
Annual rent of lot to the City-----	15 00
Hay, provender and blacksmithing-----	89 68
Stationery and postage-----	9 07
Flowers and shrubs -----	88 00
Soil, fertilizers and cartage-----	343 54
Tools, grass-seeds, etc -----	110 13
Repairs and materials -----	216 24
For redemption Kansas land taxes -----	59 60



---

Balance on hand with City Treasurer-----	977 79
--	--------

---

\$3,900 33

Accounts due, uncollected, \$328.

#### SALES OF LOTS.

Number of lots sold to December 31st, 1892 -----	695
--	-----

Number of lots sold during 1893 -----	42
---------------------------------------	----

---

Total number of lots sold to December 31st, 1893 --	737
---	-----

#### INTERMENTS.

Total number of interments to December 31st, 1892----	1,670
---	-------

Number of original interments during 1893-----	72
--	----

Number of removals from other Cemeteries in 1893-----	8
---	---

---

Total number of interments to Dec. 31st, 1893-----	1,750
--	-------

A. G. PIERCE,	} Cemetery
J. H. HOLTON,	
A. P. GRINNELL,	

Commissioners.

We have examined the books, accounts and vouchers pertaining to the foregoing report of the Cemetery Commissioners for the year 1893, and find them correct.

GEO. W. BECKWITH,	} Auditors.
C. F. GROVER,	
S. R. WAGER,	

# REPORT

## OF THE

### Trustee of United States Deposit Money.

#### RECEIPTS.

Amount of United States deposit money-----\$ 30,766 <sup>7</sup>/<sub>22</sub>

#### INVESTED IN THE FOLLOWING SECURITIES :

City of Burlington note, dated February 27, 1886,  
payable on demand with interest annually, (in-  
terest paid to February 27, 1892) -----\$ 22,882 40

City of Burlington note, dated June 23, 1891, pay-  
able on demand with interest annually, (in-  
terest paid to June 23, 1892) -----\$ 6,483 82

City of Burlington Improvement 6 per cent. coupon  
bonds, dated July 1, 1874, payable July 1,  
1894, with semi-annual interest January 1  
and July 1, of each year, viz :—

Nine bonds of \$100 each, Nos. 8 to 16 inclu- sive -----	\$ 900 00
One bond of \$500, No. 5-----	500 00

\$30,766 22

Interest payable to School Department.

Respectfully submitted,

GREENE D. WELLER,

Trustee of U. S. Money.

We have examined the account of G. D. Weller, Trustee  
of the United States Deposit Money, and find the same as  
above stated.

M. H. STONE,	}	Auditors.
H. R. WING,		
W. C. ISHAM.		

Burlington, Vt., April 24, 1893.

# REPORT OF THE CITY TREASURER,

ON ACCOUNT OF

THE LAKE VIEW AND ELMWOOD CEMETERIES,

From January 1 to April 25, 1893 :

*To the City Council of the City of Burlington :*

GENTLEMEN : I hand you a statement of the resources and liabilities of Lake View and Elmwood cemeteries trust and other funds, in accordance with Chapter 147, Sections 3202 and 3203 of the Revised Laws of Vermont, from January 1st to April 25th, 1893 :

## BILLS RECEIVABLE—INVESTMENTS.

### LAKE VIEW CEMETERY.

#### DISBURSEMENTS.

Balance January 1, 1893-----	\$ 7,725 00
Deposit in Burlington Savings Bank on account of Hatch and Bennett's fund-----	100 00
On account of A. Barrows fund-----	50 00
On account of general fund not required for cur- rent expenses-----	200 00
(See bank book No 26,071.)	
	\$ 8,075 00

**BILLS RECEIVABLE—INVESTMENTS.****ELMWOOD CEMETERY.**

## RECEIPTS.

From Moses Delibac's note-----	\$ 465 00
Balance -----	16,515 00
	<hr/>
	\$ 16,980 00

## DISBURSEMENTS.

Balance January 1, 1893-----	\$ 13,465 00
Deposit in Burlington Savings Bank, on account of J. N. Pomeroy fund-----	465 00
On account of Celestia A. Seaver fund-----	25 00
On account of Ann Eliza Munson fund-----	25 00
(See bank book No. 29,578.)	
Paid for Burlington and Cedar Rapids 5 per cent. bonds, Nos. 1701 and 1702, two of \$1000 each-----	\$ 2,000 00
One bond, No. 6283-----	500 00
	<hr/>
	\$ 2,500 00
City of Burlington Improvement 6 per cent. bond, No. 13-----	500 00
	<hr/>
	\$ 16,980 00

**LAKE VIEW CEMETERY—TRUST FUNDS.**

## RECEIPTS.

Balance January 1, 1893-----	\$ 7,875 00
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**ELMWOOD CEMETERY—TRUST FUNDS.**

## RECEIPTS.

From J. N. Pomeroy estate-----	\$ 14,965 00
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---

From Ann Eliza Munson estate-----	25 00
From Celestia A. Seaver estate-----	25 00
From W. L. and A. G. Strong's estate -----	100 00
	<hr/>
	\$ 15,115 00

## INTEREST ACCOUNT—LAKE VIEW CEMETERY.

## RECEIPTS.

From interest on loans-----	\$ 89 00
-----------------------------	----------

## DISBURSEMENTS.

Paid Cemetery Commissioners-----	\$ 89 00
----------------------------------	----------

## INTEREST ACCOUNT—ELMWOOD CEMETERY.

## RECEIPTS.

From intrrest on loans -----	\$ 264 70
------------------------------	-----------

## DISBURSEMENTS.

Paid Cemetery Commissioners-----	\$ 264 70
----------------------------------	-----------

## LAKE VIEW CEMETERY.

## RECEIPTS.

Balance January 1, 1893-----	\$ 496 48
Received from Cemetery Commissioners-----	133 16
Received from interest account -----	89 00
	<hr/>
	\$718 64

## DISBURSEMENTS.

Paid Cemetery Commissioners' check-----	\$ 320 08
Balance April 24-----	398 56
	<hr/>
	\$718 64

## ELMWOOD CEMETERY.

## RECEIPTS.

Balance January 1, 1893 -----	\$ 1,506 74
Received from interest account -----	264 70
	<hr/>
	\$ 1,771 44

## DISBURSEMENTS.—(On account general fund.)

Paid T. S. Peck, insurance-----	\$ 7 50
Paid registered school bond, No. 21-----	1,000 00
Paid City improvement bond, No. 13-----	500 00
	<hr/>
	\$1,507 50
Transfer to Trust Fund for W. L. & A. G. Strong	100 00
Balance due general account -----	163 94
	<hr/>
	\$1,771 44

## LAKE VIEW CEMETERY—EXPENSE ACCOUNT.

## DISBURSEMENTS.

Paid J. F. Coleman, register of deeds in Hoxie, Kansas, taxes and fees for redemption of land sold for taxes on account of Eliza R. Adolph mortgage, (see Check book, page 69)-----	\$ 54 50
Respectfully submitted,	

G. D. WELLER,

Burlington, Vt., April 24, 1893.

City Treasurer.

We have examined and found the foregoing account of the City Treasurer, together with the books and vouchers, and find them correct.

M. H. STONE,	} Auditors.
H. R. WING,	
W. C. ISHAM.	



# REPORT OF THE CITY TREASURER,

From Jan. 1 to April 25, 1893.

*To the City Council of the City of Burlington :*

GENTLEMEN : I herewith present to you my report as City Treasurer from January 1 to April 25, 1893 :

## BILLS PAYABLE—BONDED DEBT.

Improvement bonds, 6s, payable July 1, 1893-----	\$20,000 00
“ “ “ “ “ “ 1894-----	15,000 00
Water bonds, 6s, payable July 1, 1894-----	30,000 00
Water bonds, 4s, payable July 1, 1906-----	160,000 00
Refunded railroad bonds, 4s, 20-40s, dated April 1, 1891, option after 20 years-----	160,000 00
School bonds, 4s, payable April 1, 1912-----	30,000 00
	\$415,000 00
Less Sinking Fund-----	110,553 49
	Net bonded debt -----
	\$304,446 51

## BILLS PAYABLE—LOANS.

### RECEIPTS.

Balance January 1, 1893-----	\$29,366 22
From temporary loans-----	8,000 00
	\$37,366 22

---

RATHBUN FUND.

## RECEIPTS.

From S. R. Rathbun, for maintenance of his lot in  
Green Mount Cemetery----- 150 00

## BILLS PAYABLE—RESERVOIR LOAN.

## RECEIPTS.

From late account-----\$ 25,000 00

## DISBURSEMENTS.

Paid Reservoir notes-----\$ 10,000 00

Balance----- 15,000 00

---

\$ 25,000 00

## BILLS RECEIVABLE—SINKING FUND.

## DISBURSEMENTS.

Balance January 1, 1893 -----\$ 110,100 00

## BILLS RECEIVABLE—B. &amp; L. RAILROAD.

## DISBURSEMENTS.

For 150 shares capital stock-----\$ 160,000 00

## BILLS RECEIVABLE—LOANS.

## RECEIPTS.

From L. F. Englesby, note-----\$ 500 00

Balance----- 1,150 00

---

\$ 1,650 00

## DISBURSEMENTS.

Paid for L. F. Englesby, notes-----\$ 1,650 00

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BURLINGTON WATER WORKS—CONSTRUCTION.

## RECEIPTS.

From late account, January 1, 1893-----	\$113,355 34
From reservoir account, transferred-----	35,501 60
	<hr/>
	\$148,856 94

## DISBURSEMENTS.

Amount of late account, January 1, 1893-----	\$338,455 34
Paid Mayor's warrant to F. H. Crandall, Super- intendent -----	100 00
Amount transferred from Reservoir account-----	\$35,501 60
	<hr/>
	\$374,056 94

## WATER WORKS—CURRENT.

## RECEIPTS.

Balance January 1, 1893-----	\$ 66
Balance-----	4,636 90
	<hr/>
	\$ 4,637 56

## DISBURSEMENTS.

Paid Mayor's warrants to F. H. Crandall, Super- intendent, for current-----	\$ 2,717 87
Paid Mayor's warrants to F. H. Crandall, Super- intendent, pumping-----	1,648 58
Paid Mayor's warrants to F. H. Crandall, super- intendent, meters-----	271 11
	<hr/>
	\$ 4,637 56

---

WATER TAX COLLECTIONS.

## RECEIPTS.

Balance January 1, 1893-----	\$ 762 07
From collections of water rates-----	877 21
	<hr/>
	\$ 1,639 28

## DISBURSEMENTS.

Balance covered into Treasury-----	\$ 762 07
Balance-----	877 21
	<hr/>
	\$ 1,639 28

## CITY HALL BUILDING.

## DISBURSEMENTS.

Paid Trustee of United States Deposit money----	\$ 8,648 18
---	-------------

## CITY TAX 1893.

## DISBURSEMENTS.

Paid E. W. Peck, Treasurer, County Tax-----	\$ 551 29
---	-----------

## CRIMINAL AND POLICE.

## RECEIPTS.

Balance April 24th-----	\$ 1,653 03
-------------------------	-------------

## DISBURSEMENTS.

Balance January 1, 1893-----	\$ 439 90
Paid Jerome Dumas, Chief of Police-----	898 00
Paid Burlington Gas Light Company-----	58 73
Paid N. E. Telephone and Telegraph Company--	11 98
Paid Free Press Association-----	10 50
Paid H. S. Peck, City Court fees-----	233 92
	<hr/>
	\$ 1,653 03

## CRIMINAL COSTS IN CITY COURT.

## RECEIPTS.

From H. S. Peck, City Judge-----	\$	164	35
----------------------------------	----	-----	----

## DISBURSEMENTS.

Amount transferred to incidental account-----	\$	164	35
---	----	-----	----

## DOG LICENSES.

## RECEIPTS.

From Chas. E. Allen, City Clerk-----	\$	350	00
--------------------------------------	----	-----	----

## DISBURSEMENTS.

Paid C. M. Rockwell, for hens killed-----	\$	3	60
---	----	---	----

Paid William Lathrop, for hens killed-----		5	00
--	--	---	----

Balance-----		341	40
--------------	--	-----	----

	\$	350	00
--	----	-----	----

## FIRE DEPARTMENT.

## RECEIPTS.

Balance January 1, 1893-----	\$	140	18
------------------------------	----	-----	----

Balance April 24, 1893-----		1,651	59
-----------------------------	--	-------	----

	\$1,791	77
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## DISBURSEMENTS.

Paid Eureka Fire Hose Company-----	\$	300	00
------------------------------------	----	-----	----

Paid Burlington Gas Light Company-----		95	19
--	--	----	----

Paid C. R. Hayward, rent-----		62	50
-------------------------------	--	----	----

Paid Hook and Ladder Company, No. 1-----		119	78
--	--	-----	----

Paid Star Hose Company, No. 2-----		152	73
------------------------------------	--	-----	----

Paid Boxer Engine Company, No. 3-----		105	05
---------------------------------------	--	-----	----

Paid Ethan Allen Engine Company, No. 4-----		97	80
---	--	----	----

Paid Howard Hose Company, No. 5-----		39	00
--------------------------------------	--	----	----

Paid Barnes Hose Company, No. 7-----	\$ 103 91
Paid A. C. Spear Engine Company, No. 8-----	76 25
Paid F. E. Perkins, Chief Engineer-----	24 14
Paid Moses Murray, Chief Engineer-----	35 41
Paid G. G. Munson, Assistant Engineer-----	4 17
Paid Napoleon Laury, Assistant Engineer-----	6 25
Paid J. H. Carlin, Assistant Engineer-----	6 25
Paid J. S. Denning, Assistant Engineer-----	6 25
Paid Burlington Drug Company, fire alarm-----	8 54
Paid Charles C. Blake, fire alarm-----	46 92
Paid Cain Brothers-----	1 80
Paid G. W. Lee, ladders-----	53 28
Paid Miller fire extinguisher -----	117 50
Paid N. E. Gamewell Company-----	197 30
Paid Consolidated Chemical Company-----	16 80
Paid Gay & Henderson, coal-----	98 35
Paid P. C. Dodge, printing -----	13 95
Paid Moses Murray, freight-----	2 65

---

\$ 1,791 77

## FLETCHER FREE LIBRARY.

## RECEIPTS.

Balance April 24th, 1893-----\$ 544 01

## DISBURSEMENTS.

Balance January 1, 1893----- 24 82  
 Paid Sarah C. Hagar----- 519 19

---

\$ 544 01

## HEALTH DEPARTMENT.

## RECEIPTS.

Balance, April 24----- 277 65



## DISBURSEMENTS.

Balance January 1, 1893,-----	\$	49	10
Paid H. A. Crandall, Health Officer-----		177	05
Paid City Clerk to pay physician's registration fees		45	25
Paid A. Armagnac, printing-----		6	25
	\$	277	65

## LOUISA H. HOWARD FUND.

## RECEIPTS.

From J. A. Arthur, Executor Firemen's Fund----	\$	500	00
--	----	-----	----

## DISBURSEMENTS.

Deposited in Merchants National Bank, Savings Department -----		500	00
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## IMPROVEMENT OF STREETS AND SEWERS.

## DISBURSEMENTS.

Balance January 1, 1893-----	\$	35,000	00
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## INCIDENTAL DEPARTMENT.

## RECEIPTS.

Balance January 1, 1893-----	\$	86	20
Balance covered into Treasury-----		2,158	05
Fines and costs from Criminal Department-----		164	35
License Department-----		114	00
Amount from Public Buildings-----		89	50
	\$	2,612	10

## DISBURSEMENTS.

Paid Free Press Association, printing-----	\$	592	45
--	----	-----	----

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Paid A. Armagnac, printing-----	\$ 4 00
Paid M. D. L. Thompson, printing-----	20 00
Paid Whitney & Shanley, supplies-----	63 35
Paid inspectors and clerks, March election-----	108 00
Paid William Smith, rental polling place-----	15 00
Paid J. W. Roberts, erecting booths-----	60 45
Paid John Bergeron, erecting booths-----	14 50
Paid P. Kennedy, cleaning room-----	5 00
Paid F. A. Dougherty, cleaning room-----	5 00
Paid N. E. Telephone and Telegraph Company--	5 84
Paid P. Farrell, messenger-----	10 00
Paid Messrs. Wing, Stone and Isham, Auditors---	115 00
Paid C. E. Allen, City Clerk, office expenses----	43 90
Paid C. E. Allen, City Clerk, completing Real Es- tate Register, and copies of registration records for Secretary of State-----	129 85
Paid Burlington Gas Light Company-----	33 31
Paid G. H. Kinsley, material for booths-----	1 25
Paid Elias Lyman & Co., coal for polling places--	3 13
Paid J. L. Beers, copy of maps of Vermont-----	7 50
Paid G. H. Richter & Co., stamp dates-----	2 65
Paid L. G. Burnham, frame for plans-----	5 37
Paid Seneca Haselton, Mayor, salary-----	75 00
Paid City Clerk and assistant, salary-----	466 67
Paid G. D. Weller, Treasurer, and assistant-----	500 00
Paid G. D. Weller, Treasurer, postage and office expenses-----	15 80
Paid G. D. Weller, Janitor's expenses-----	4 50
Balance-----	304 58

---

\$ 2,612 10

---

 INTEREST ACCOUNT REFUNDING RAILROAD, 4s.

## DISBURSEMENTS.

Paid Fourth National Bank of New York-----	\$ 2,005 00
Paid Sinking fund-----	1,200 00
	<hr/>
	\$3,205 00

## INTEREST ACCOUNT—WATER BONDS, 6s.

## RECEIPTS.

From Ninth National Bank for overcharge on interest account-----	\$ 1,485 00
--	-------------

## INTEREST ACCOUNT—SCHOOL BONDS.

## DISBURSEMENTS.

Paid interest coupons-----	\$ 540 00
----------------------------	-----------

## INTEREST ACCOUNT—SINKING FUND.

## RECEIPTS.

From interest on registered bonds-----	\$ 1,380 00
--	-------------

## DISBURSEMENTS.

Amount transferred to Sinking fund-----	\$ 1,380 00
---	-------------

**INTEREST ACCOUNT—TEMPORARY LOANS.**

## RECEIPTS.

Received from bills receivable-----	\$ 6 16
Balance -----	152 17
	<hr/>
	\$158 33

## DISBURSEMENTS.

Paid interest on loans-----	\$ 158 33
-----------------------------	-----------

---

 LICENSE DEPARTMENT.

## RECEIPTS.

From Charles E. Allen, City Clerk-----\$ 114 00

## DISBURSEMENTS.

Amount transferred to incidental account -----\$ 114 00

## LIQUOR AGENCY.

## RECEIPTS.

From E. Selden, Agent, from sales-----\$ 2,485 00

Balance----- 1,007 31

---

 \$3,492 31

## DISBURSEMENTS.

Invoice of liquors on hand January 1-----\$ 725 62

Paid Columbian Distilling Co.----- 552 35

Paid Davis, Waters & Co. ----- 890 03

Paid A. W. Balch & Co.----- 703 90

Paid I. D. Richards & Sons----- 17 70

Paid Chas. Stern & Sons----- 99 90

Paid L. Speidel & Co.----- 18 00

Paid W. H. Jones & Co. ----- 189 10

Paid Burlington Gas Light Co.----- 11 05

Paid Elias Lyman & Co. for coal----- 12 00

Paid T. S. Peck, insurance ----- 3 30

Paid E. Selden, Agent, freight bills ----- 69 36

Paid E. Selden, Agent, salary----- 200 00

---

 \$3,492 31

## MINISTERIAL FUND.

## RECEIPTS.

From collections of rents-----\$ 49 88

## DISBURSEMENTS.

Paid E. B. Taft, Treasurer First Congregational society-----	\$	24	94
Paid N. K. Brown, Treasurer First Calvinistic Congregational society -----	\$	24	94
			<hr/>
	\$	49	88

## PUBLIC BUILDINGS RENTS.

## RECEIPTS.

From collections of rents-----	\$	89	50
--------------------------------	----	----	----

## DISBURSEMENTS.

Amount transferred to incidental account -----	\$	89	50
--	----	----	----

## PAUPER DEPARTMENT.

## RECEIPTS.

Balance January 1, 1893-----	\$	778	05
Balance April 24, 1893-----		1,300	00
			<hr/>
	\$	2,078	05

## DISBURSEMENTS.

Paid G. A. Rumsey, Overseer-----	\$	1,300	00
Balance January 1, covered into Treasury-----		778	05
			<hr/>
	\$	2,078	05

## PUBLIC BUILDINGS AND PARKS.

## RECEIPTS.

Balance January 1, 1893-----	\$	369	63
Balance April 24-----		264	45
			<hr/>
	\$	634	08

## DISBURSEMENTS.

Paid S. T. Greene, repairs-----	\$ 20 69
Paid M. Collins, freight and cartage-----	9 73
Paid J. R. Booth, windows Court room-----	12 95
Paid F. X. St. Germain, repairs Court room-----	12 75
Paid John Doxey, painting Court room-----	14 00
Paid D. F. Erno, papering Court room -----	12 40
Paid H. S. Peck, supplies Court room-----	6 65
Paid C. G. Peterson, paper for Court room-----	17 00
Paid L. J. Smith, repairs on roof-----	3 78
Paid C. R. Nash, pulmbing repairs -----	12 45
Paid W. E. Greene, paints -----	15 65
Paid A. G. Peirce, supplies for parks-----	6 40
Paid Patrick Farrell, janitor-----	120 00
Paid balance January 1, covered into treasury-----	369 63
	<hr/>
	\$ 634 08

## HOWARD HOSE HOUSE CONSTRUCTION.

## RECEIPTS.

Amount reported January 1, 1893 ----- \$ 4,150 00

## DISBURSEMENTS.

Amount reported January 1, 1893----- \$ 2,773 00  
 Paid W. H. Buckley & Co.----- 6 20  


---

 \$2,779 20

## SCHOOL DEPARTMENT.

## RECEIPTS.

Balance January 1, 1893 ----- \$ 3,344 29  
 From H. F. Field, State Treasurer, income from  
 the Huntington fund----- 555 99



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Rents on leased lands-----	\$	135	15
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---

		\$4,035	43
Balance-----		4,314	64

---

\$8,350 07

## DISBURSEMENTS.

Paid warrants drawn by Finance Committee-----	\$	8,350	07
---	----	-------	----

## CONVERSE SCHOOL BUILDING—CONSTRUCTION.

## RECEIPTS.

Amount reported January 1, 1893 -----	\$160	00
Interest on bonds -----	53	33

---

\$243 33

## DISBURSEMENTS.

Amount reported January 1, 1893 -----	\$17,997	94
Paid Willard Ducomb, warrant No. 2,654 -----	839	94

---

18,837 88

## SCHOOL FUND—RENT ON LEASED LANDS.

## RECEIPTS.

From collections of rents-----	\$	158	42
--------------------------------	----	-----	----

## DISBURSEMENTS.

Paid H. H. Wheeler, Treasurer of South Burling- ton -----	\$	23	27
Paid H. O. Wheeler, Superintendent-----		135	15

---

\$158 42

## SINKING FUND.

## RECEIPTS.

Balance January 1, 1893-----	\$110,415	49
------------------------------	-----------	----

---

Received from interest account-----\$ 1,380 00

---

\$111,795 49

## SEWER DEPARTMENT.

## RECEIPTS.

From collections of sewer assessments -----\$ 447 79

Balance----- 2,427 55

---

\$2,875 34

## DISBURSEMENTS.

Balance January 1, 1893 -----\$ 915 18

Paid H. W. Hall, expenses ----- 36 50

Paid G. W. Beckwith, expenses ----- 36 00

Paid H. Stevens, Superintendent ----- 1,887 66

---

\$2,875 34

## STREET DEPARTMENT.

## RECEIPTS.

Balance January 1, 1893 -----\$ 1,570 20

From H. Stevens, Superintendent ----- 365 83

Balance----- 1,197 29

---

\$3,133 32

## DISBURSEMENTS.

Paid H. Stevens, Superintendent-----\$ 3,133 32

## STREET LIGHT DEPARTMENT.

## RECEIPTS.

Balance January 1, 1893-----\$ 248 30

Balance----- 2,849 40

---

\$3,097 70

## DISBURSEMENTS.

Paid Consolidated Electric Light Co.-----	\$ 2,849 40
Balance of 1892 covered into Treasury -----	248 30
	<u>\$3,097 70</u>

## F. H. CRANDALL, SUPERINTENDENT.

## RECEIPTS.

Amount of Mayor's warrants-----	\$ 4,737 56
Balance-----	522 30
	<u>\$5,259 86</u>

## DISBURSEMENTS.

Cash on account of Water Department-----	\$ 5,259 86
--	-------------

## TAX COLLECTIONS.

## RECEIPTS.

From J. E. Lavelle on account of 1889-----	\$ 41 05
“ “ “ “ 1890-----	12 62
“ “ “ “ 1891-----	100 84
“ “ “ “ 1892-----	1,155 55
From balance of 1891-----	28 33
	<u>\$1,338 39</u>

## DISBURSEMENTS.

Balance January 1, 1893 -----	\$ 1 28
G. D. Weller, Treasurer, balance account of errors	40 77
G. D. Weller, Treasurer, abatements allowed ----	202 87
Balance April 24, 1893 -----	1,093 47
	<u>\$1,338 39</u>

## BURLINGTON WATER WORKS COLLECTIONS.

F. H. Crandall, Superintendent

## RECEIPTS.

From Water collections-----	\$3,800 00
-----------------------------	------------

## CITY TREASURER'S BALANCE SHEET, FROM JANUARY 1 TO APRIL 25, 1893.

	DISBURSEMENTS	RECEIPTS.	DR. BALANCE.	CR. BALANCE.
	\$	\$		\$
Bills payable, water bonds, 6s	225,000 00	255,000 00		30,000 00
Bills payable, water bonds, 4s		160,000 00		160,000 00
Bills payable, improvement bonds, 6s		35,000 00		35,000 00
Bills payable, railroad refunding, 4s		160,000 00		160,000 00
Bills payable, school bonds, 4s		30,000 00		30,000 00
Bills payable, reservoir loan notes, 5s	10,000 00	25,000 00		15,000 00
Bills payable, Rathbun fund		150 00		150 00
Bills payable, temporary loans		37,366 22		37,366 22
Bills receivable, sinking fund	110,100 00		\$	
Bills receivable, railroad stock	160,000 00			160,000 00
Bills receivable, Louisa H. Howard fund	500 00			500 00
Bills receivable, loans	1,650 00	500 00		1,150 00
Burlington Water Works, construction	374,056 94	148,856 94		225,200 00
Burlington Water Works, current	4,637 56	66		4,636 90
Burlington Water Works, collections.	762 07	1,639 28		877 21
City Hall building	8,648 18			8,648 18
City tax, 1893	551 29			551 29
Criminal and Police.	1,653 03			1,653 03
Criminal, costs and fines	164 35	164 35		
Fire Department	1,791 77	140 18		1,651 59
Fletcher Free Library	544 01			544 01
Health Department	277 65			277 65
Howard Hose House, construction	2,779 20	4,150 00		1,370 80
Howard, Louisa H, Firemen's Fund		500 00		500 00
Improvement account of streets and sewers	35,000 00			35,000 00
Incidental Department	2,307 52	2,612 10		304 58
Interest account, refunding bonds, 4s	3,205 00			3,205 00
Interest account, Sinking Fund	1,380 00	1,380 00		
Interest account, temporary loans	158 33	6 16		152 17
Interest account, school bonds	540 00			540 00
Interest account, water bonds, 6s		1,485 00		1,485 00

License Department	114 00	114 00	---	---
License Department, dogs	8 60	350 00	---	341 40
Liquor Agency	3,492 31	2,485 00	---	---
Ministerial fund	49 88	49 88	---	1,007 31
Pauper Department	2,078 05	778 05	---	---
Public buildings and parks	634 08	369 63	---	---
Public buildings, rents	89 50	89 50	---	---
School Department	8,350 07	4,035 43	---	---
Converse School building	18,837 88	213 33	---	---
School fund, rents	158 42	158 42	---	---
Sewer Department	2,875 34	447 79	---	---
Sinking Fund, water bonds	---	111,795 49	---	---
Sinking Fund, school bonds	---	1,100 00	---	---
Street Department	3,133 32	1,936 03	---	---
Street Light Department	3,097 70	248 30	---	---
Crandall, F. H., Superintendent	5,259 86	4,737 56	---	---
Crandall, F. H., Supt water collections	---	3,800 00	---	---
Tax collections, 1892	244 92	1,338 39	---	---
Cash balance	3,866 86	---	---	---
	\$ 997,997 69	\$ 997,997 69	\$590,184 17	\$ 590,184 17

GREENE D. WELLER,

City Treasurer.

We have examined the foregoing account of the City Treasurer, together with the books and vouchers for the items of each department, and find them correct.

M. H. STONE,  
H. R. WING,  
W. C. ISHAM, } Auditors.

Burlington, Vt., April 24, 1893.

# REPORT OF THE CITY TREASURER,

From April 25 to December 31, 1893 :

*To the City Council of the City of Burlington :*

GENTLEMEN : I herewith present to you my report as City Treasurer from April 25 to December 31, 1893 :

## RECEIPTS.

Cash of G. D. Weller, former Treasurer -----	\$ 3,866 86
Receipts to December 31st, 1893-----	308,383 33
	\$312,250 19

## DISBURSEMENTS.

Disbursements -----	\$305,322 16
Balance on hand December 31, 1893-----	6,928 03
	\$312,250 19

The amounts received and credited, and the payments made and charged to the several accounts on the books of this department, appear in the following statements :

## STATEMENT OF RECEIPTS.

Credited to sundry accounts, as follows :

Bills payable, school bonds-----	\$ 7,000 00
Bills payable, refunding improvement bonds-----	20,000 00



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Bills payable, loans-----	\$ 87,000 00
Bills receivable, Sinking Fund-----	9,100 00
Bills receivable, loans-----	150 00
Criminal costs and fines-----	365 58
Fire Department-----	1 50
Interest account, Sinking Fund-----	3,213 00
Interest account, loans-----	54 00
Interest account, water bonds from Ninth National Bank, New York-----	1,627 79
Louisa H. Howard fund-----	14 25
License Department-----	180 00
License department, dogs-----	163 00
Liquor Agency, E. Selden, Agent-----	7,315 10
Public buildings and parks-----	50 00
Public buildings, rents-----	191 83
School Department-----	4,445 75
School Funds, rents on leased land-----	6 95
Sewer Department-----	2,429 06
Street Department-----	8,375 96
Tax collections, 1891-92-----	135 24
Tax collections, 1893-----	121,183 74
Water Department-----	3,094 71
Water collections-----	32,285 87
Cash on hand-----	3,866 86
	<hr/>
	\$312,250 19

## STATEMENT OF PAYMENTS.

Bills payable, improvement bonds-----	\$20,000 00
Bills payable, reservoir notes-----	2,500 00
Bills payable, loans-----	75,000 00
Bills receivable, sinking fund-----	17,000 00
Burlington Improvement Co.-----	100 00

College Green-----	\$ 150 00
Criminal Department-----	3,981 61
Converse School building-----	19,170 32
Fire Department-----	5,083 89
Fletcher Free Library-----	1,736 64
Fletcher Free Library, account of dog licenses---	434 00
Health Department-----	1,539 00
Howard Hose House, construction-----	1,211 08
Howard, Louisa H. fund, Fire Department-----	14 25
Incidental Department-----	5,212 97
Interest account, refunding bonds, 4s-----	3,205 00
Interest account, school bonds, 4s-----	660 00
Interest account, water bonds-----	6,602 00
Interest account, water bonds-----	450 00
Interest account, refunding bonds, 6s-----	2,478 00
Interest account, refunding improvement bonds---	400 00
Interest account, reservoir construction-----	750 00
Interest account, U. S. deposit money-----	1,761 97
Interest account, loans-----	1,599 82
Interest account, Rathbun Fund-----	6 75
License Department, dogs-----	70 40
Liquor agency, E. Selden agent-----	6,488 46
Pauper Department-----	3,574 92
Public buildings and parks-----	4,073 21
School Department-----	26,985 79
Sewer Department-----	3,101 46
Street Department-----	32,931 17
Street Light Department-----	8,946 84
Spear, A. C., Engine house-----	731 25
State school tax-----	5,512 88
State highway tax-----	5,512 88
State tax-----	11,247 16

Tax collections, 1891-2-----	\$	7	50
Tax collections, 1893-----		73	35
Water Department, F. H. Crandall superintendent		25,017	59
Cash on hand-----		65,928	03
			<u>\$312,250 19</u>

## CONVERSE SCHOOL BUILDING.

## RECEIPTS.

Amount from G. D. Weller -----	\$	213	3 3
Appropriations-----	{ \$30,000	37,000	
	{ 7,000		
Overdraft -----		794	87
			<u>\$38,008 20</u>

## DISBURSEMENTS.

Amount from G. D. Weller-----	\$	18,837	88
Paid W. L. Kramer, architect-----		230	00
Paid H. O. Wheeler, Supt-----		81	40
Paid W. A. Choate, agent-----		280	34
Paid Rodney Roby, superintendent-----		563	00
Paid Fuller & Warren, ventilating apparatus-----		1,500	00
Paid T. A. Wheelock, gas fitting-----		122	46
Paid Willard Ducomb, contractor-----		16,393	12
			<u>\$38,008 20</u>

## CRIMINAL AND POLICE DEPARTMENT.

## RECEIPTS.

Appropriation from city tax-----	\$	4,500	00
Amount transferred from costs and fines, City and Justice Courts -----		365	58
Carried to new account, overdraft-----		769	06
			<u>\$ 5,634 64</u>

## DISBURSEMENTS.

---

Balance from G. D. Weller-----	\$ 1,653 03
Jerome Dumas, chief police-----	3,198 50
H. S. Peck, Judge, costs City Court-----	359 23
J. W. Russell, Justice City Court-----	77 07
Burlington Gas Light Company-----	46 58
Smith & Humphrey, uniforms and caps-----	9 65
New England Telephone Company-----	27 63
Tindall & Son, painting police office-----	8 16
J. W. McAuslan, matting for police office-----	3 08
George I. Hagar, rubber mat for police office----	4 60
S. M. Flint, clerk, for sundries-----	65 17
B. Turk & Bro., overcoats-----	135 00
M. D. L. Thompson, printing-----	14 00
Free Press Association, binding, etc-----	14 25
Whitney & Shanley, supplies-----	2 82
C. R. Nash, work in police office-----	10 37
P. C. Dodge, printing-----	5 50
	<hr/>
	\$ 5,634 64

## CRIMINAL COSTS IN CITY AND JUSTICE COURTS.

## RECEIPTS.

From H. S. Peck, Judge-----	\$ 316 34
From J. W. Russell, Justice-----	49 24
	<hr/>
	\$ 365 58

## DISBURSEMENTS.

Transferred to Criminal and Police Department--	\$ 365 58
	<hr/>
	\$ 365 58

## FLETCHER FREE LIBRARY.

## RECEIPTS.

Appropriation from city tax-----	\$ 2,200 00
Overdraft -----	80 65
	<hr/>
	\$ 2,280 65

## DISBURSEMENTS.

Balance April 25, 1893-----	\$ 544 01
Paid Sarah C. Hagar, Librarian-----	1,736 64
	<hr/>
	\$ 2,280 65

## FIRE DEPARTMENT.

## RECEIPTS.

From April 25 to December 31, 1893.

From sale of old zinc -----	\$ 1 50
Appropriation from City tax-----	7,800 00
	<hr/>
	\$7,801 50

## DISBURSEMENTS.

From April 25 to December 31, 1893.

Balance April 25, 1893-----	\$ 1,651 59
W. E. Morse, Chief Engineer, sundry expenses --	2,254 06
Burlington Gas Light Co.-----	218 04
Gay & Henderson, coal-----	288 01
P. C. Dodge, printing-----	13 75
John J. Shea, Engineer's uniforms-----	22 00
Mrs. E. F. Hayward, 6 months rent Hook and Ladder Co.-----	62 50
Samuel Benoit, injuries by fire -----	30 50

Hook and Ladder Co., current expenses -----	\$ 332 40
Boxer Engine Co., current expenses-----	294 31
Ethan Allen Engine Co., current expenses -----	325 97
Barnes Hose Co., current expenses-----	277 48
Star Hose Co., current expenses-----	267 65
Howard Hose Co., current expenses-----	343 81
A. C. Spear Engine Co., current expenses -----	333 41
H. E. Adams & Son, testing fire alarm-----	20 00
Unexpended balance -----	1,066 02
	<hr/>
	\$7,801 50

## HEALTH DEPARTMENT.

## RECEIPTS.

Appropriation from city tax-----	\$ 2,000 00
	<hr/>
	\$ 2,000 00

## DISBURSEMENTS.

Balance April 25, 1893-----	\$ 277 65
Dr. H. A. Crandall-----	754 05
C. E. Allen, registration fees for physicians-----	134 00
Oliver Lamora, Health Inspector-----	104 00
H. W. Hall, city ambulance-----	450 00
T. S. Peck, insurance, ambulance-----	6 60
Geo. H. Kinsley, blanket for ambulance-----	2 75
W. H. Clark, pole for ambulance-----	6 00
Frank Vincent, city carter-----	2 00
Oliver Dupaw, supplies-----	2 25
A. Armagnac, printing health reports-----	21 25
Free Press Association, printing-----	14 30
Dodds & Drew, for disinfectants-----	18 30



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Street Department, disinfectants-----	\$	23 50
Balance unexpended-----		183 35
		<hr/>
	\$	2,000 00

### HOWARD HOSE HOUSE—CONSTRUCTION.

April 25 to December 31, 1893.

#### RECEIPTS.

Balance from G. D. Weller-----	\$	4,150 00
		<hr/>
	\$	4,150 00

#### DISBURSEMENTS.

Amount from G. D. Weller-----	\$	2,779 20
Paid J. W. Roberts-----		1,060 00
Paid D. W. C. Clapp-----		106 08
A. W. Cocker, grading-----		25 50
F. L. Washburn, painting-----		19 50
Unexpended balance -----		159 72
		<hr/>
	\$	4,150 00

### LOUISA H. HOWARD FUND.

April 25 to December 31, 1893.

#### RECEIPTS.

From G. D. Weller-----	\$	500 00
Interest-----		14 25
		<hr/>
	\$	514 25

#### DISBURSEMENTS.

Paid Charles A. Bettis, injuries received at fire---	\$	14 25
Deposited in Burlington Savings Bank-----		500 00
		<hr/>
	\$	514 25

## INCIDENTAL DEPARTMENT.

April 25 to December 31, 1893.

## RECEIPTS.

Balance from G. D. Weller-----	\$	304 58
Appropriation from City tax-----		4,400 00
Appropriation for salaries from City tax-----		3,200 00
Amount received from licenses-----		180 00
Liquor agency, profit and loss -----		973 51
	\$	9,058 09

## DISBURSEMENTS.

Fred Johonnott, Assessor -----	\$	308 50
E. F. Brownell, Assessor-----		208 00
John J. Flynn, Assessor-----		140 00
E. C. Mower, Assessor-----		116 00
Thomas Failey, assisting Assessor-----		62 00
A. F. Lowell, assisting Assessor-----		11 00
L. A. Drew, assisting Assessor-----		24 00
Charles Steinkamp, assisting Assessor-----		24 00
C. B. Gray, assisting Assessor-----		25 00
J. E. Lavell, assisting Assessor-----		26 40
Mattie Johonnott, assisting Assessor-----		10 00
H. H. Smith, livery for Assessors-----		4 00
P. C. Dodge, printing-----		35 45
M. D. L. Thompson, printing-----		60 85
Barrett & Johnsons, printing-----		9 50
Free Press Association, printing, binding and ad- vertising -----		252 45
Whitney & Shanley, binding lists and for mer- chandise -----		173 38
A. McGaffey, Decoration Day appropriation-----		100 00

Ribbon adder, city offices-----	\$	15 00
C. F. Wheeler, stamped envelopes -----		11 00
C. W. Brownell, Revised Laws -----		1 50
C. E. Allen, extra help in clerk's office-----		50 00
A. G. Whittemore, former City attorney -----		179 00
James A. Kelley, paid for printing-----		3 50
Lake View cemetery, fitting soldiers lot-----		100 00
R. E. Warren, stamp for clerk's office-----		1 60
A. R. Dow, copy of map of Village of Burlington, 1847-----		25 00
C. E. Allen, City Clerk, salary, including clerk--		933 33
E. C. Mower, Treasurer, salary, including clerk--	1,000	00
Seneca Haselton, Mayor, salary -----		225 00
Patrick Farrell, janitor, salary-----		280 00
Patrick Farrell, serving notices -----		9 50
L. P. Waite & Co., three directories -----		6 00
Burlington Improvement company, sprinkling-----		100 00
Water Department, water troughs -----		250 00
V. G. Barbour, appropriation for College Green--		150 00
H. H. Davis, stationery, etc-----		2 25
Consumers Ice Co-----		8 75
New England Telegraph and Telephone Co-----		24 01
James A. Brown, City Attorney-----		446 20
W. C. Isham, Auditor-----		10 00
M. H. Stone, "-----		10 00
H. R. Wing, "-----		10 00
E. C. Mower, office and janitor's supplies-----		20 80
Street assessment certificates-----	1,893	07
Sewer assessment certificates-----		397 02
Balance-----	1,305	03

---

\$ 9.058 09

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 LICENSE DEPARTMENT.

April 25 to Dec. 31, 1893.

## RECEIPTS.

From Barnum & Bailey show -----	\$	100 00
From Adam Forepaugh show -----		30 00
From Chas. E. Allen, City Clerk -----		50 00
		<hr/>
	\$	180 00

## DISBURSEMENTS.

Amount transferred to incidental account -----	\$	180 00
		<hr/>
	\$	180 00

## DOG LICENSE DEPARTMENT.

## RECEIPTS.

Balance from G. D. Weller -----	\$	341 40
Chas. E. Allen, City Clerk -----		163 00
		<hr/>
	\$	504 40

## DISBURSEMENTS.

Paid for hens killed by dogs -----	\$	14 40
Paid dog killer -----		56 00
Paid Fletcher Free Library -----		434 00
		<hr/>
	\$	504 40

## LIQUOR AGENCY.

## RECEIPTS.

From E. Selden, Agent -----	\$	7,315 10
Liquors on hand -----		1,661 18
		<hr/>
	\$	8,976 28

## DISBURSEMENTS.

From G. D. Weller, balance-----	\$ 1,007 31
Paid E. Selden, Agent-----	585 00
Paid A. W. Balch & Co., liquors-----	2,952 30
Paid Columbia Distilling Co., liquors-----	1,523 03
Paid James M. Bell & Co., liquors-----	1,116 01
Paid W. H. Jones & Co., liquors-----	88 26
Paid for freight and cartage-----	129 56
Paid for water-----	7 00
Paid Burlington Gas Light Co-----	26 10
Paid rents-----	500 00
Paid for Internal revenue license-----	25 00
Paid Auditors-----	30 00
Paid Insurance-----	13 20
Profit and loss to incidental account-----	973 51
	<hr/>
	\$ 8,976 28

## PAUPER DEPARTMENT.

## RECEIPTS.

Appropriation from City tax-----	\$ 3,900 00
Overdraft-----	974 92
	<hr/>
	\$ 4,874 92

## DISBURSEMENTS.

From G. D. Weller, balance-----	\$ 1,300 00
Paid G. A. Rumsey, balance of account-----	23 92
Paid estate of Guy Willard, horse-shoeing-----	1 00
Paid James E. Russell, Overseer-----	3,550 00
	<hr/>
	\$ 4,874 92

## PUBLIC BUILDINGS AND PARKS.

## RECEIPTS.

Rent, Rink Association-----	\$	50 00
Appropriations from city tax-----		4,250 00
Water rent, from agency-----		7 00
From public buildings, rents-----		691 83
	\$	4,998 83

## DISBURSEMENTS.

To balance April 25, 1893-----	\$	264 45
Paid Henry Pratt, balance for trees-----		16 50
Paid D. W. C. Clapp, balance of warrant-----		21 15
Paid Burlington Gas Light Co., gas in public offices -----		199 74
Paid D. W. C. Clapp, for work and materials in City Hall -----		993 43
Paid Burlington Mfg. Co., work in City Hall----		30 76
Paid Peter Ritchie, work and materials in City Hall-----		44 76
Paid H. J. Nelson, for desk and chair in Treasur- er's office-----		46 00
Paid C. G. Peterson, for wall paper-----		19 49
Paid W. B. Stowell & Co., painting City Hall roof		75 00
Paid W. J. Tindall & Sons, painting in City Hall		199 65
Paid A. B. Kingsland & Co., plumbing and sup- plies-----		203 02
Paid Clarence Hicks, materials for City Hall----		47 87
Paid M. Meagher, for plumbing and piping in City Hall-----		295 23
Paid St. Albans Foundry, for seats in park-----		200 00
Paid Spear Bros., work in City Court room-----		14 82



---

Paid R. Nott, for fertilizer for parks-----	\$ 25 00
Paid Skillings, Whitneys & Barnes Lumber Co., lumber for City Hall -----	330 72
Paid Gay & Henderson, for coal-----	235 31
Paid C. V. R. R., freight on park seats-----	13 63
Paid F. L. Washburn, for painting-----	61 45
Paid A. G. Pierce, supplies for park-----	26 26
Paid James Wakefield, for awnings on City Hall--	12 00
Paid E. F. Moore, for concreting in City Park---	465 02
Paid E. A. Smith, painting in engine house and park-----	90 93
Paid J. E. Burke, work in City Park-----	9 60
Paid W. E. Greene, paints-----	113 08
Paid Street Department, for work-----	201 09
Paid A. Morrison, for setting glass-----	6 70
Paid Patrick Farrell, for care of park-----	75 00
Unexpended balance -----	661 17
	<hr/>
	\$ 4,998 83

## RATHBUN FUND.

## RECEIPTS.

From G. D. Weller-----	\$ 150 00
------------------------	-----------

## SCHOOL DEPARTMENT.

## RECEIPTS.

From Trustee United States Deposit Money-----	\$ 1,761 97
From Henry F. Field, State Treasurer, State school tax -----	1,382 24
From H. O. Wheeler, Superintendent, for tuitions	1,217 54
From E. C. Mower, Treasurer, interest on city bonds-----	84 00

From rents on leased lands -----	\$ 6 95
From appropriation from city tax -----	25,000 00
Balance carried to new account -----	1,847 73
	<hr/>
	\$ 31,300 43

## DISBURSEMENTS.

Paid warrants drawn by Finance Committee-----	\$ 31,300 43
---	--------------

## SEWER DEPARTMENT.

## RECEIPTS.

From H. Stevens, Superintendent-----	\$ 494 72
From sewer assessments -----	1,934 34
Amount of sewer assessments, certificates credited	397 02
Appropriation -----	2,200 00
Overdraft -----	502 93
	<hr/>
	\$ 5,529 01

## DISBURSEMENTS.

Balance from G. D. Weller-----	\$ 2,427 55
Paid H. Stevens, Superintendent -----	3,101 46
	<hr/>
	\$ 5,529 01

## SINKING FUND.

## RECEIPTS.

Balance April 25, 1893-----	\$ 112,895 49
From tax collections-----	5,634 35
From interest account -----	3,213 00
	<hr/>
	\$ 121,742 84

## STREET DEPARTMENT.

## RECEIPTS.

From H. Stevens, Superintendent-----	\$ 6,483 31
--------------------------------------	-------------

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From State highway tax-----	\$ 322 65
From assessments collected-----	1,570 00
Amount of assessment certificates credited -----	1,893 07
Appropriation 20 per cent. on Grand List-----	22,340 58
Special appropriation for Church street-----	1,600 00
	<hr/>
	\$34,209 61

## DISBURSEMENTS.

Balance from G. D. Weller-----	\$ 1,197 29
Paid H. Stevens, Superintendent-----	32,931 17
Unexpended balance-----	81 15
	<hr/>
	\$ 34,209 61

## STREET LIGHT DEPARTMENT.

## RECEIPTS.

Appropriation -----	\$ 12,000 00
	<hr/>

## DISBURSEMENTS.

Balance from G. D. Weller-----	\$ 2,849 40
Paid Consolidated Electric Light Company-----	8,936 84
Paid H. C. Smith, light in Mechanics lane-----	10 00
Unexpended balance -----	203 76
	<hr/>
	\$12,000 00

## TAX BILL, 1893.

Amount of bill from City Clerk-----	\$124,003 62
Eight hundred and four warrants, 10 cents each---	80 40
Five per cent. on \$4411, to Constable for collection	220 55
	<hr/>
	\$124,304 57

Collections made by Treasurer-----	\$119,581 11
Collections made by Constable-----	1,602 63

---

Abatements -----	546 40
Balance uncollected in hands of Constable-----	2,574 43
	<hr/>
	\$124,304 57

## WATER DEPARTMENT.

## RECEIPTS.

F. H. Crandall, Superintendent-----	\$ 3,094 71
Appropriation from City tax-----	21,300 00
Special appropriation for Loomis street extension--	250 00
Transferred from bonded account -----	5,634 60
	<hr/>
	\$30,279 31

## DISBURSEMENTS.

Balance from G. D. Weller -----	522 30
Paid F. H. Crandall-----	29,754 49
Unexpended balance -----	2 52
	<hr/>
	\$30,279 31

## BONDED DEBT.

Improvement bonds, 6s, due July 1st, 1894-----	\$15,000
Water bonds, 6s, due July 1st, 1894-----	30,000
Refunding water bonds, 4s, due July 1st, 1906----	160,000
Refunding R. R. bonds, 4s, 20-40 option after 1911	160,000
School bonds, 4s, due April 1st, 1913 -----	30,000
School bonds, 4s, due Oct. 1st, 1913 -----	7,000
Refunding imp. bonds, 4s, due July 1st, 1913----	20,000
	<hr/>
	\$ 422,000 00
Less Sinking Fund-----	121,742 84
	<hr/>
Net bonded debt-----	\$ 300,257 16

# REPORT OF THE CITY TREASURER,

On Account of Lake View and Elmwood Cemeteries.

*To the City Council of the City of Burlington :*

GENTLEMEN : I herewith hand you a statement of the resources and liabilities of Lake View and Elmwood Cemeteries' trust and other funds, from April 25 to December 31st, 1893 :

## ELMWOOD CEMETERY.

### RECEIPTS.

Cash in Burlington Savings Bank-----	\$	200 00.
Balance received from G. D. Weller-----		163 94
From Cemetery Commissioners-----		208 30
From Interest on Trust fund-----		899 56
		\$ 1,471 80.

### DISBURSEMENTS.

Paid Cemetery Commissioners' orders-----	\$	1,075 85.
Balance on hand to new account -----		195 95
In Burlington Savings Bank-----		200 00.
		\$ 1,471 80.

There is held by the Treasurer securities and investments made by the Cemetery Commissioners from the following trust funds :

John N. Pomeroy Fund-----	\$ 14,965 00
Celestia A. Seaver Fund-----	25 00
Ann Eliza Munson Fund-----	25 00
W. L. and A. G. Strong Fund-----	100 00
Katherine F. Kendall Fund-----	25 00
Jane E. Bailey Fund-----	25 00
	<hr/>
	\$ 15,165 00

From accumulations which are available for expenses, but not required for present use, there is invested in City of Burlington bonds-----\$ 1,500 00

---

## LAKE VIEW CEMETERY.

## RECEIPTS.

Balance received from G. D. Weller-----	\$ 398 56
Received from Cemetery Commissioners-----	2,399 85
Received interest from trust fund-----	471 84
	<hr/>
	\$ 3,270 25

## DISBURSEMENTS.

Paid Cemetery Commissioners' orders-----	\$ 2,592 46
Balance on hand to new account-----	677 79
	<hr/>
	\$ 3,270 25

Inventments are held from the trust fund, consisting of the following items :

Carlos Baxter Fund-----	\$ 1,250 00
Eli Chittenden Fund-----	50 00



---

E. W. Chase Fund-----	\$ 125 00
Harvey Burnett Fund -----	100 00
L. B. Englesby Fund-----	200 00
Hatch and Bennett Fund-----	100 00
Geo. Barrows-----	50 00
Mrs. M. F. Wilkins Fund-----	50 00
Gen. Stannard Fund -----	100 00
Mrs. Weaver Fund-----	100 00
F. M. Van Sicklen Fund -----	200 00
J. D. Hatch Fund-----	250 00
John P. Howard Fund-----	2,500 00
John P. Howard Fund-----	500 00
Louisa H. Howard Fund -----	500 00
Hilas Roby Fund -----	500 00
Julius M. Noyes Fund-----	1,000 00
Marion Flagg's Estate Fund -----	200 00
Lucinda F. Barnes Fund-----	500 00
Chas. R. Hayward Fund-----	500 00
Ames B. Jones Fund -----	50 00

---

\$ 8,825 00

There is an accumulation from the trust fund not  
 required for present use invested with the  
 above amounting to -----\$ 300 00

# REPORT

## OF THE

### Trustee of United States Deposit Money.

#### RECEIPTS.

Amount of U. S. Deposit money received from G.

D. Weller, Treasurer-----\$ 29,365 92

The above fund is loaned to the City of Burlington, for which amount I hold the notes of G. D. Weller, former City Treasurer. .

Income from the above loan :

#### RECEIPTS.

From City Treasurer, interest at 6 per cent-----\$ 1,761 97

#### DISBURSEMENTS.

Paid H. O. Wheeler, Treasurer of the School

Fund-----\$ 1,761 97

Respectfully submitted,

EMORY C. MOWER,

Trustee U. S. Deposit Money.

Burlington, Vt., December 31, 1893.

We have examined the foregoing accounts of the City Treasurer, together with the books and vouchers for the items of each department, and find them correct.

GEO. W. BECKWITH, }  
C. F. GROVER, } Auditors.  
S. R. WAGER, }

REPORT OF THE DIRECTORS  
OF  
**The Mary Fletcher Hospital.**

---

The Mary Fletcher Hospital, the gift of Mary M. Fletcher to the suffering of Vermont, to the medical science, and to the profession of nursing, was chartered by the Legislature of Vermont, November 18th, 1876. Its board of directors was organized December 6th, 1876. Shortly afterward, in accordance with the choice of Miss Fletcher, the Directors selected, as the site of the Hospital, and purchased the Catlin estate, consisting of about 25 acres of high ground overlooking the City from its eastern side. The property thus acquired has been increased by subsequent purchases to about 75 acres, including, beside land devoted to meadow and pasture, a spacious garden, and orchard of 200 fruit trees, and a pine grove. During the years 1877-8 were erected the administrative building, containing also rooms for private patients, the Men's Ward, the Amphitheatre for clinical lectures, and outbuildings, costing about \$50,000. The Hospital was dedicated and opened January 22, 1879, having a capacity for 27 patients. On the death of Miss Fletcher, February 24th, 1885, the Hospital came into the possession of the bulk of her estate, which, together with the original endowment and gifts for free beds, constitutes a permanent fund, for the maintenance of the hospital, of about \$340,000. During the year 1887 there were added to the Hospital buildings a Woman's Ward,

embodying all the latest improvements in hospital construction, an Isolated Ward for severe surgical cases, and a building containing an operating room and a room for the preparation of surgical dressings,—the whole cost being in the neighborhood of \$20,000.

In the fall of 1889 the Directors were able to carry out a long cherished plan of extending the Men's Ward so as to hold twenty beds. This involved almost a new building, which was finished early in 1890. The Ward proper is now twice the length it was before; new rooms have been added for patients whom it is not well to have in the main room; a spacious, sunny parlor has been built out on the west; various alterations have been made, till now the new Men's Ward is as well arranged and equipped as the new Ward for women, which has been held to be a model in hospital construction.

The total capacity of the hospital in ordinary circumstances is 50 beds, which in emergencies, by crowding the wards and placing cots in the halls and amphitheatre, can be increased to 65 beds.

#### ENDOWED BEDS.

A. Free Bed in the hospital may be endowed in perpetuity by payment of the sum of five thousand dollars. Six have already been thus endowed:

I. The Julia M. Edmunds Bed; endowed by Mr. and Mrs. George F. Edmunds of Burlington, in memory of their daughter, to be occupied by female patients only.

II. The Kate W. Morton Bed; endowed in memory of his daughter, by George Morton of Burlington.

III. The Bethesda Bed; endowed by the founder of the hospital, Mary Fletcher, February 11, 1885—her gift to the first Calvinistic Congregational Church in this city.

IV. The Loomis Bed; endowed by William, Luther and

Horatio Loomis, in memory of their father and mother, Henry and Julia Loomis.

V. The L. G. Ware Bed ; endowed in January, 1889, by the First Congregational society (Unitarian), and bearing the name of its minister.

VI. The Proctor Bed ; endowed in 1891, by Redfield Proctor of Proctor.

Persons may be designated by the donors or their representatives for the free occupancy of an endowed bed, under such regulations as may be made by the Directors.

The Directors commend this form of charity to the attention of those who may be studying the most economical and effective forms of relief to suffering humanity.

#### DONATIONS

have been made from time to time to the Hospital of bed linen, old linen for dressings, fruit and flowers, preserves and other delicacies for the sick ; also of books, magazines, and daily and weekly newspapers sent by the publishers. All these gifts have been most acceptable, and the Directors desire to make their hearty thanks to the thoughtful givers.

A generous benefactor, who withholds his name, has given a parlor organ for use in the Sunday services.

#### CHARACTER AND WORK OF THE HOSPITAL.

A hospital is essentially a charity. It is an institution the main object of which is not the making of money, nor the advancement of science, but rather the cure of the sick, the feeble, the injured. It aims to bring the benefits of the most advanced medical science, the most skillful nursing, and the most favoring material and moral conditions, to the relief of the sufferings of all classes. It gives a well appointed temporary home to those whose own homes lack appliances favor-



able to recovery, and it adds some appliances which the most luxurious homes cannot furnish. It is, thus, we repeat, a public charity, a benefit to all in every class who may need its help.

But it is an expensive charity,—one of the most expensive known to modern civilization. The permanent investment, in grounds, buildings, furniture, instruments, and all arrangements for securing the most perfect sanitary conditions, is necessarily large. The current expenses, even after allowing for the large amount of gratuitous service rendered, are seen to be very heavy, when it is remembered that the diet must be always choice and often expensive ; that the medicine and instruments must be the most effective known to the profession, whatever the cost may be ; that the staff of nurses and attendants must be such that whenever, by day, or by night, any kind of service is required, it must be always at hand, wide awake, not impaired by fatigue or confused by conflict of duty. Many times in the history of the Hospital, there are often single patients who require the entire service of a nurse night and day. In many cases the medicines and special diet of a patient cost the Hospital more per week than the largest sum paid by those who are regarded as paying patients.

Now, it is obvious that with the space and funds at the command of the Hospital, it cannot offer its advantages gratuitously to all without discrimination. Nor should this be expected. A hospital does not exist for the purpose of supplanting the regular medical practitioner, or of providing medical service gratuitously to those who are able to pay for it. In the minds of many persons a hospital implies unlimited resources, which the Directors can dispense without stint. As a matter of fact, no institutions are more liable to financial straits, because of the natural tendency of hospital directors



to extend to suffering humanity a larger charity than their means will permit. The revenues of the Mary Fletcher Hospital, though administered with the strictest economy, are sufficiently taxed by the legitimate claims of charity; for charity, more or less, every patient receives. It has never been proposed by the Directors, it would not be consistent with the liberal views of the Founder, that any should be required to pay the full cost of the services rendered. Those who pay most receive fully half they get as a gratuity. But all the sums paid by those who are able to pay anything increase the power of the Hospital to extend its benefits to those who are able to pay nothing. It is upon these principles that patients are received. Those who are poor, homeless, friendless, are understood to have the first claim. Such applicants, when they are fit subjects for hospital treatment, and when there are vacant beds, are never refused. But in order that the largest possible number of such cases may be received, all others are expected to pay on a scale accommodated to their means. We have found that most persons are glad to pay all that could be expected of them. Friends often contribute to the support of those less fortunate than themselves. Employers, recognizing the value to themselves of such an institution in their neighborhood in cases of accident or serious sickness, willingly pay, in part, or in full, for the care of their employees. We trust the time is coming when the railroad corporations, the manufacturing firms, the churches, all who have numbers of persons in their care, to whom they owe charity in time of distress, will endow beds, available for their use in case of need. And we confidently expect that as the needs of the hospital outgrow its means, other liberal hands will enlarge its resources, so that its doors may be always wide enough to admit all the suffering poor of our State, "without money and without price."

## ADMISSION OF PATIENTS.

By the intention of the Founder, and in the method of its administration by the Directors, the Mary Fletcher Hospital is for the benefit of all residents of the State of Vermont whose cases can, for any reason, be better treated in a public institution than by means within the reach of the ordinary practitioner. Cases from outside the State are not refused, if there is room for them, but it is understood that residents of the State have the prior claim.

The following rules have been adopted by the directors :

I. No patient suffering from any contagious or infectious disease, shall be admitted, nor any lunatic, nor any maternity case.

II. The regular price of treatment is ten dollars per week. Reductions from this price will be made when satisfactory proof is furnished of the inability of the patient to pay full rates. A limited number of free beds are available for those whose circumstances render them fit subjects for such charity.

III. Applications from outside of Burlington must be made in writing, addressed to the superintendent, by the attending physician of the patient, accompanied by a full description of the case, and when a free bed or reduced rates may be desired, by a statement of the pecuniary circumstances of the patient.

IV. Physicians should remember that incurable cases, and those which admit of only temporary relief, are not regarded as suitable subjects for admission.

## REPORT

of patients admitted to the Hospital during the year ending Dec. 31, 1893, by B. J. Andrews, M. D., Superintendent :

Total number of patients admitted during the year-----	634
Number of charity patients-----	347

---

Number of paying patients-----	287
Residents of Vermont-----	558
Residents of Massachusetts-----	6
Residents of New Hampshire -----	10
Residents of New York-----	57
Residents of Connecticut -----	1
Residents of Canada -----	2
Total number of deaths-----	12
Number of patients treated at the free medical clinics held in the Hospital Amphitheatre (not included in above report)-----	78

M. H. BUCKHAM,  
President.

W. J. VAN PATTEN,  
Secretary.

## The Mayor's Estimates.

*To the Honorable the Board of Aldermen:*

GENTLEMEN: The following statement and estimates are submitted:

### ASSETS OF THE CITY, JANUARY 1, 1894.

Cash on hand-----	\$ 6,928 03
Uncollected taxes, 1893-----	2,574 43
Other uncollected taxes-----	436 15
Assessment certificates-----	2,290 09
Uncollected assessments -----	408 32
Due from School Department, (see estimates below)-----	2,642 60
Uncollected water rates-----	3,110 00
Bills receivable-----	1,000 00
	<hr/> \$ 19,389 62

### LIABILITIES, JANUARY 1, 1894.

Amount belonging to Sinking Fund, uninvested-----	\$ 1,180 00
Proceeds of highway tax subject to call of Street Department-----	81 15
Loans, less amount charged to bond account-----	14,365 40
	<hr/> \$ 15,626 55
Net assets, January 1, 1894-----	<hr/> \$ 3,763 07

## ESTIMATED RECEIPTS FOR 1894.

From water rates-----	\$39,000 00
From rents and licenses-----	1,000 00
From criminal department-----	500 00
	<u>\$ 40,500 00</u>

Total net assets and estimated receipts-----\$ 44,263 07

## ESTIMATED CURRENT EXPENSES FOR 1894.

Salaries-----	\$ 3,200 00
Pauper Department-----	4,500 00
Fletcher Library-----	2,250 00
Police and Criminal Department-----	4,500 00
Fire Department-----	5,500 00
Public Buildings and Parks-----	2,000 00
Street Lights-----	12,000 00
Health Department-----	1,000 00
Water Department-----	18,500 00
Sewers-----	2,000 00
School Department, (for current expenses and to repay advances)-----	31,765 60
Incidental Fund-----	3,000 00
County Tax-----	562 36
Interest on bonded debt-----	17,330 00
Interest on U. S. Deposit Fund-----	1,761 96
Interest on Reservoir notes-----	625 00
Interest on temporary loans-----	750 00

\$111,244 92

Amount to be raised by taxation (\$111,244 92 less

\$44,263 07) ----- \$66,981 85

The Grand List for 1893 was \$112,471 63. Upon this basis a tax of 60 cents on the dollar will yield a revenue of \$67,482 97. The Grand List for 1894, however, will unmistakably be larger than was that for 1893 and the amount raised by the above rate of taxation correspondingly greater.

The Sinking Fund should receive the avails of a tax of five cents on the dollar.

Five cents on the dollar of the biennial State tax remains to be assessed. A State school tax and a State road tax, each of the amount of five cents on the dollar, must be raised. The required highway tax is 20 cents on the dollar.

A tabulated statement of the requisite tax exactions is as follows :

Tax for general city purposes-----	60 cents.
Tax for Sinking Fund-----	5 “
Highway tax-----	20 “
State road tax-----	5 “
State school tax-----	5 “
Balance of biennial State tax-----	5 “
<hr/>	
Total -----	100 cents.

In view of an assured increase in the Grand List, consequent largely upon our moderate rate of taxation, I confidently recommend a tax of 100 cents on the dollar to meet all requirements on the part of city, county, and State.

The last of our six per cent. bonds, \$45,000 in amount, mature on the first of July next. The outstanding reservoir notes, \$12,500 in amount, one of which will mature during the current year, bear interest at the rate of five per cent. These outstanding notes are now held by the Sinking Fund and Cemetery Commissioners, and I would therefore recommend



that they be retired, and, together with the maturing bonds, be refunded at four per cent. That will then be the uniform and moderate rate of interest upon the entire funded indebtedness of the city.

SENECA HASELTON,

Mayor.

Burlington, Vt., February 1st, 1894.

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# CITY ELECTION.

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## WARNING.

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*The Legal Voters in City Meeting of the City of Burlington,  
Vt., are hereby Notified and Warned to meet on*

**TUESDAY, THE (6th) SIXTH DAY OF MARCH,**

A. D., 1894, at 9 o'clock in the forenoon, in their respective Wards, at the several voting places hereinafter named, for the purpose of electing a Mayor, and for the purpose of electing in **WARD ONE**—One Alderman, One School Commissioner and Ward Officers, and in

**WARD TWO**—One Alderman and Ward Officers, and in

**WARD THREE**—One Alderman, one School Commissioner and Ward Officers, and in

**WARD FOUR**—One Alderman and Ward Officers, and in

**WARD FIVE**—One Alderman and Ward Officers.

All of whom to hold office for one year, except Aldermen and School Commissioners, who are to be elected for terms of two years each.

The following are designated as voting places, viz :

In **WARD ONE**—At the Ward House, No. 58 Colchester Avenue.

In **WARD TWO**—At the house of Star Hose Company, No. 128 North Winooski Avenue.

In **WARD THREE**—At the house of Barnes Hose Company, No. 120 North Champlain Street.

In **WARD FOUR**—At City Court Room, City Hall Building.

In **WARD FIVE**—At William Smith's Carriage Repository, No. 151 St. Paul Street.

The Polls open at 9 o'clock in the forenoon, and close at 2 o'clock in the afternoon.

**SENECA HASELTON, Mayor.**

BURLINGTON, Vt., February 19th, 1894.





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